



SunStar Laboratories

Chain of Custody Record

25712 Commercentre Drive, Lake Forest, CA 92630
949-297-5020

Client: ACCOM
Address: 999 Forest Country Rd.
Phone: 714-967-2746 Fax: _____
Project Manager: Laune Fernandez

Date: 06/20/18 Page: 1 Of 1
Project Name: Fremont High School
Collector: E. Gonzalez Client Project #: 100578944.1
Batch #: T181997 EDF #: _____

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260B	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain	6010/7000 Title 22 Metals	6020 ICP-MS Metals	Laboratory ID #	Comments/Preservative	Total # of containers
COMP-A 10	06/20/18	09:20	Soil	8015B	X	X	X	X	X	X	X	X	X	X	01		
COMP-B 20	06/20/18	09:25	Soil	8015B	X	X	X	X	X	X	X	X	X	X	02		
COMP-C 10	06/20/18	11:04	Soil	8015B	X	X	X	X	X	X	X	X	X	X	03		
COMP-D 20	06/20/18	11:50	Soil	8015B	X	X	X	X	X	X	X	X	X	X	04		
COMP-E 10	06/20/18	12:18	Soil	8015B	X	X	X	X	X	X	X	X	X	X	05		
COMP-F 20	06/20/18	12:33	Soil	8015B	X	X	X	X	X	X	X	X	X	X	06		
Relinquished by: (signature) _____ Date / Time _____ Relinquished by: (signature) _____ Date / Time _____ Relinquished by: (signature) _____ Date / Time _____																	
Received by: (signature) _____ Date / Time _____ Received by: (signature) _____ Date / Time _____ Received by: (signature) _____ Date / Time _____																	

Sample disposal instructions: Disposal @ \$2.00 each _____ Return to client _____ Pickup _____

COC 171558



SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T181997
 Client Name: AECOM Project: FREMONT HS
 Delivered by: Client SunStar Courier GSO FedEx Other
 If Courier, Received by: DAVE Date/Time Courier Received: 6/20/18 1308
 Lab Received by: SUNNY Date/Time Lab Received: 6/20/18 1457
 Total number of coolers received: 1

Temperature:	Cooler #1	3.9 °C +/- the CF (-0.2°C) = 3.7 °C corrected temperature	
Temperature:	Cooler #2	°C +/- the CF (-0.2°C) = °C corrected temperature	
Temperature:	Cooler #3	°C +/- the CF (-0.2°C) = °C corrected temperature	
Temperature criteria = ≤ 6°C (no frozen containers)		Within criteria?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If NO:			
Samples received on ice?		<input type="checkbox"/> Yes <input type="checkbox"/> No →	Complete Non-Conformance Sheet
If on ice, samples received same day collected?		<input type="checkbox"/> Yes → Acceptable <input type="checkbox"/> No →	Complete Non-Conformance Sheet

Custody seals intact on cooler/sample Yes No* N/A
 Sample containers intact Yes No*
 Sample labels match Chain of Custody IDs Yes No*
 Total number of containers received match COC Yes No*
 Proper containers received for analyses requested on COC Yes No*
 Proper preservative indicated on COC/containers for analyses requested Yes No* N/A
 Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times Yes No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date: BC 6/20/18

Comments:

WORK ORDER

T181997

Client: AECOM
Project: Fremont HS

Project Manager: Rose Fasheh
Project Number: 60578944.1

Report To:

AECOM
 Laurie Fernandez
 999 W. Town and Country Road
 Orange, CA 92868-4713

Date Due: 06/27/18 17:00 (5 day TAT)

Received By: Sunny Lounethone

Date Received: 06/20/18 14:57

Logged In By: Brian Charon

Date Logged In: 06/20/18 15:20

Samples Received at: **3.7°C**
 Custody Seals No Received On Ice Yes
 Containers Intact Yes
 COC/Labels Agree Yes
 Preservation Confir No

Analysis	Due	TAT	Expires	Comments
----------	-----	-----	---------	----------

T181997-01 COMP-A 10 [Soil] Sampled 06/20/18 09:20 (GMT-08:00) Pacific Time (US &

6010 Title 22	06/27/18 15:00	5	12/17/18 09:20	
8015 Carbon Chain	06/27/18 15:00	5	07/04/18 09:20	
8260	06/27/18 15:00	5	07/04/18 09:20	

T181997-02 COMP-B 20 [Soil] Sampled 06/20/18 09:35 (GMT-08:00) Pacific Time (US &

6010 Title 22	06/27/18 15:00	5	12/17/18 09:35	
8015 Carbon Chain	06/27/18 15:00	5	07/04/18 09:35	
8260	06/27/18 15:00	5	07/04/18 09:35	

T181997-03 COMP-C 10 [Soil] Sampled 06/20/18 11:24 (GMT-08:00) Pacific Time (US &

6010 Title 22	06/27/18 15:00	5	12/17/18 11:24	
8015 Carbon Chain	06/27/18 15:00	5	07/04/18 11:24	
8260	06/27/18 15:00	5	07/04/18 11:24	

T181997-04 COMP-D 20 [Soil] Sampled 06/20/18 11:56 (GMT-08:00) Pacific Time (US &

6010 Title 22	06/27/18 15:00	5	12/17/18 11:56	
8015 Carbon Chain	06/27/18 15:00	5	07/04/18 11:56	
8260	06/27/18 15:00	5	07/04/18 11:56	

WORK ORDER

T181997

Client: AECOM	Project Manager: Rose Fasheh
Project: Fremont HS	Project Number: 60578944.1

Analysis	Due	TAT	Expires	Comments
T181997-05 COMP-E 10 [Soil] Sampled 06/20/18 12:18 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/27/18 15:00	5	12/17/18 12:18	
8015 Carbon Chain	06/27/18 15:00	5	07/04/18 12:18	
8260	06/27/18 15:00	5	07/04/18 12:18	

T181997-06 COMP-F 20 [Soil] Sampled 06/20/18 12:33 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/27/18 15:00	5	12/17/18 12:33	
8015 Carbon Chain	06/27/18 15:00	5	07/04/18 12:33	
8260	06/27/18 15:00	5	07/04/18 12:33	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Kidd, Kelly - Stockton

From: Antolin, Edward
Sent: Friday, July 06, 2018 12:49 PM
To: seedondig@aol.com
Cc: Aasen, Holly; Kidd, Kelly - Stockton
Subject: Soil Disposal Freemont HS - Sunshine Canyon Landfill
Attachments: Fremont HS SCR Review.pdf; Fremont HS SCR.PDF; Special-Waste-Profile-Form.pdf; Special Waste Profile Instructions.pdf; Third-Party-Signature-Authorization.pdf; SW Acceptance Guildelines -Sunshine.pdf

Hello Don/Natalie,

Please complete the profile, third party authorization (with the help of contact at Freemont HS) and submit with the soil report. Also, copy Holly and Kelly on all communication (they are added to this e-mail). After we receive the completed attachments, we will be in touch regarding approval. The profile must be approved before any material can be brought to the landfill. Please let us know the name of the transportation company that will be used and who the billing party will be. If approved, the rate is listed below, thank you.

- Rate is \$41.99/per ton with a minimum charge per load of \$300.

Regards,



We'll handle it from here.™

Edward Antolin Manufacturing and Environmental Services Executive

2531 East 67th Street, Long Beach, CA 90805

e ellantolin@republicservices.com

o 818-274-9554

f 866-428-5795 w republicservices.com

Kidd, Kelly - Stockton

From: Seedondig <seedondig@aol.com>
Sent: Monday, July 23, 2018 8:45 AM
To: Kidd, Kelly - Stockton
Cc: tim.chancheya#lausd.net@aol.com; tun-lin.aung@lausd.net; steven.morrill@lausd.net
Subject: Re: Soil Disposal Freemont HS - Sunshine Canyon Landfill

Note that (seedondig@aol.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

Kelly,

Please make the change to the Gardena division on your end.

Thank you,

Natalie Roser
D. John Roser, Inc.
31356 Via Colinas, Unit 111
Westlake Village, CA 91362

818-706-2411
818-706-1953 fax
818-613-5233 cell
seedondig@aol.com

-----Original Message-----

From: Kidd, Kelly - Stockton <KKidd@republicservices.com>
To: Seedondig <seedondig@aol.com>
Sent: Fri, Jul 20, 2018 3:42 pm
Subject: RE: Soil Disposal Freemont HS - Sunshine Canyon Landfill

My apologies, yet again....we are going to do this out of the Gardena division. I can correct with your permission.

Thanks

From: Seedondig [mailto:seedondig@aol.com]
Sent: Friday, July 20, 2018 3:17 PM
To: Kidd, Kelly - Stockton
Subject: Re: Soil Disposal Freemont HS - Sunshine Canyon Landfill

Note that (seedondig@aol.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

Kelly,

Please see the attached special waste change.



PROPOSAL

7/23/2018

Natalie Roser
 D. John Roser, Inc.
 7676 S SAN PEDRO ST
 LOS ANGELES, CA 90003
 Quote: A183430418

D. John Roser, Inc.:

Below is our proposal of recommended services, customized for your business needs identified during our discussions. If you ever need additional services, or just need an extra pickup, please give us a call at 800-299-4898. It's that easy.

Service Details

LARGE CONTAINERS

Equipment Qty/Type/Size:	6 - Open Top 10.00Yd(s)	Haul Rate:	\$675.00 per haul
Frequency:	On-Call	Tons Included in Haul Rate:	7.15
Material Type:	Special Waste	Additional Tons:	\$41.99 per ton
Hauls/ month:	6.0		

Estimated Monthly Amount *

Large Container Haul Charge	\$4,050.00
Total Estimated Amount	\$4,050.00

One Time Charges

Delivery Charge Subtotal	\$0.0
Total One-Time Amount	\$0.0

Minh Ho
 Republic Services
 747-245-9283
 mho@republicservices.com
www.republicservices.com

* The Total Estimated Amount is merely an estimate of your typical monthly invoice amount without one-time start-up charges (e.g., delivery). It does not include any applicable taxes or local fees, which would be additional charges on your invoice.

** FRF, ERF & ADMIN: The Fuel Recovery Fee (FRF) is a variable charge that changes monthly. For more information on the FRF, Environmental Recovery Fee (ERF) and Administrative Fee, please visit the links available on the Bill Pay page of our website, www.republicservices.com. The proposed rates above are valid for 60 days. This proposal is not a contract or agreement or an offer to enter into a contract or agreement. The purpose of this proposal is to set forth the proposed framework of service offerings and rates and fees for those offerings. Any transaction based upon this proposal is subject to and conditioned upon the execution by both parties of Republic Services' Customer Service Agreement.

INVOICE TO	
CUSTOMER NAME	D. John Roser, Inc.
ATTN:	Natalie Roser
ADDRESS	31356 Via Colinas, Unit 111
CITY	Westlake Village, CA
STATE	
ZIP CODE	91362
TEL. NO.	818-613-5233 FAX NO.

SITE LOCATION	
SITE NAME	D. John Roser, Inc.
ADDRESS	7676 S SAN PEDRO ST
CITY	LOS ANGELES, CA
STATE	
ZIP CODE	90003
TEL. NO.	(818) 706-2411 FAX NO.
AUTHORIZED BY:	Natalie Roser TITLE
CONTACT	Natalie Roser TITLE



Temporary Service Agreement

AGREEMENT NUMBER	A183430418
ACCOUNT NUMBER	902 -

EMAIL seedondig@aol.com



BY: Sam M. Ho TITLE: Construction Solution Executive
(AUTHORIZED SIGNATURE)

BY: Natalie Roser
(AUTHORIZED SIGNATURE)
Natalie Roser
CUSTOMER NAME (PLEASE PRINT)

TITLE: Corporate Secretary
07/23/18
DATE OF AGREEMENT

COMMENTS
Delivery Notes: Safety: No Safety Concerns
Exempt From: Fuel Recovery Fee, Environmental Recovery Fee, Administrative Fee

TERMS AND CONDITIONS

SERVICES. Customer grants to Company the right to collect, transport, and dispose of or recycle all of customer's non-hazardous solid waste materials (including Recyclable Materials) (collectively, "Waste Materials"), and Company agrees to furnish such services as permitted by Applicable Laws. Company agrees to respond to customer's inquiries regarding the services within 30 days of such inquiry.

TERM. THE TERM OF THIS AGREEMENT SHALL START ON THE DATE ON WHICH SERVICE UNDER THIS AGREEMENT COMMENCES AND SHALL CONTINUE UNTIL THE EARLIER OF CUSTOMER GIVING WRITTEN NOTICE TO COMPANY OF THE FINAL PULL UNDER THIS AGREEMENT OR 30 DAYS AFTER WRITTEN NOTICE TO COMPANY. COMPANY MAY TERMINATE THIS AGREEMENT AT ANY TIME BY ORAL OR WRITTEN NOTICE TO CUSTOMER. COMPANY SHALL REMOVE ALL EQUIPMENT PROVIDED TO CUSTOMER WITHIN 30 DAYS OF THE EFFECTIVE DATE OF THE TERMINATION OF SERVICES.

WASTE MATERIALS. The Waste Materials shall not contain any hazardous materials, wastes or substances; toxic substances, wastes or pollutants; contaminants; pollutants; infectious wastes; medical wastes; or radioactive wastes (collectively, "Excluded Waste"), each as defined by applicable federal, state or local laws or regulations (collectively, "Applicable Laws"). **CUSTOMER SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS COMPANY FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES, SUITS, PENALTIES, FINES, REMEDIATION COSTS, AND LIABILITIES (INCLUDING COURT COSTS AND REASONABLE ATTORNEYS' FEES) (COLLECTIVELY, "LOSSES") RESULTING FROM THE INCLUSION OF EXCLUDED WASTE IN THE WASTE MATERIALS.**

TITLE. Company shall acquire title to Waste Materials when they are loaded into Company's truck. Title to and liability for any Excluded Waste shall remain with Customer and shall at no time pass to Company.

CONTINUED ON NEXT PAGE

TERMS AND CONDITIONS (Continued from previous page)

PAYMENT. Customer shall pay Company for the services and equipment furnished by Company at the rates provided in this Agreement. Customer shall pay all taxes, fees and other governmental charges assessed against or passed through to Company (other than income or real property taxes). Customer shall pay such fees as the Company may impose from time to time by notice to Customer (including, by way of example only, late payment fees, administrative fees and environmental fees), with Company to determine the amounts of such fees in its discretion up to the maximum amount allowed by Applicable Law. Without limiting the foregoing, Customer shall pay Company: (a) a fee of \$50 (which Company may increase from time to time by notice to Customer) for each check submitted by Customer that is an insufficient funds check or is returned or dishonored; and (b) fuel/environmental recovery fees in the amount shown on each of Company's invoices, which amount Company may increase or decrease from time to time by showing the amount on the invoice. Customer shall pay Company within 20 days after the date of Company's invoice. At any time after Company becomes concerned about Customer's creditworthiness or after Customer has made any late payment, Company may request, and if requested Customer shall pay, a deposit in an amount equal to one month's charges under this Agreement.

RATE ADJUSTMENTS. Company may, from time to time by 30 days prior written notice to Customer, increase the rates provided in this Agreement to adjust for any increase in: (a) disposal costs; (b) transportation costs due to a change in location of Customer or the disposal or recycling facility used by Company; (c) the Consumer Price Index for All Urban Consumers (Water, Sewer and Trash Collection Services), U.S. City Average; (d) the average weight per cubic yard of Customer's Waste Materials above the number of pounds per cubic yard upon which the rates provided in this Agreement are based as indicated on the cover page of this Agreement; (e) recycling sorting, processing and related costs; (f) costs related to Customer's failure to separate Recyclable Materials from other Waste Materials, the contamination of the Recyclable Materials, or other decreases in the value of the Recyclable Materials; or (g) Company's costs due to changes in Applicable Laws. Company may increase rates for reasons other than those set forth above with Customer's consent, which may be evidenced verbally, in writing or by the parties' actions and practices.

SERVICE CHANGES. The parties may change the type, size or amount of equipment, the type or frequency of service, and correspondingly the rates by agreement of the parties, which may be evidenced verbally, in writing or by the parties' actions and practices. This Agreement shall apply to any change of location of Customer within the area in which Company provides collection and disposal services.

RECYCLABLE MATERIALS. This section applies in the event Company has expressly agreed to remove and transport Recyclable Materials (material that Company determines can be recycled typically including, without limitation, aluminum cans (UBC - Used Beverage Containers), cardboard (free of wax), ferrous metal cans, mixed office paper, newspaper and plastics containers) to a material recovery facility, recycling center or similar facility. Customer agrees that Company in its sole discretion may determine any single load is contaminated and may refuse to collect it or may charge Customer for any additional costs, including (but not limited to) sorting, processing, transportation and disposal costs. Customer shall comply with all Applicable Laws regarding the separation of solid waste from Recyclable Materials and use of its best efforts to not place items in the container that may result in the decrease in the value of Recyclable Materials or make the Recyclable Materials unsuitable for recycling.

RESPONSIBILITY FOR EQUIPMENT; ACCESS. Any equipment Company furnishes shall remain Company's property. Customer shall be liable for all loss or damage to such equipment (except for normal wear and tear and for loss or damage resulting from Company's handling of the equipment). Customer shall use the equipment only for its proper and intended purpose and shall not overload (by weight or volume), move or alter the equipment. **CUSTOMER SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS COMPANY FROM AND AGAINST ALL LOSSES ARISING FROM ANY INJURY OR DEATH TO PERSONS OR LOSS OR DAMAGE TO PROPERTY (INCLUDING THE EQUIPMENT) ARISING OUT OF CUSTOMER'S USE, OPERATION OR POSSESSION OF THE EQUIPMENT.** Customer shall provide safe, unobstructed access to the equipment on the scheduled collection day. Company may charge an additional fee for any additional collection service required by Customer's failure to provide access.

DAMAGE TO PAVEMENT. Company shall not be responsible for any damages to Customer's pavement, curbing or other driving surfaces resulting from Company's providing service at Customer's location.

SUSPENSION. If any amount due from Customer is not paid within 60 days after the date of Company's invoice, Company may, without notice and without terminating this Agreement, suspend collecting and disposing of Waste Materials until Customer has paid such amount to Company. If Company suspends service, Customer shall pay Company a service interruption fee in an amount determined by Company in its discretion up to the maximum amount allowed by Applicable Law.

ASSIGNMENT. Customer shall not assign this Agreement without Company's prior written consent, which Company shall not unreasonably withhold. Company may assign this Agreement without Customer's consent.

EXCUSED PERFORMANCE. Except for Customer's obligation to pay amounts due to Company, any failure or delay in performance due to contingencies beyond a party's reasonable control, including strikes, riots, terrorist acts, compliance with Applicable Laws or governmental orders, fires and acts of God, shall not constitute a breach of this Agreement.

ATTORNEYS' FEES. If any litigation is commenced under this Agreement, the successful party shall be entitled to recover, in addition to such other relief as the court may award, its reasonable attorneys' fees, expert witness fees, litigation related expenses, and court or other costs incurred in such litigation or proceeding.

MISCELLANEOUS. This Agreement sets forth the entire agreement of the parties and supersedes all prior agreements, whether written or oral, that exist between the parties regarding the subject matter of this Agreement. Company shall have no confidentiality obligation with respect to any Waste Materials. This Agreement shall be binding upon and inure solely to the benefit of the parties and their permitted assigns. If any provision of this Agreement shall be invalid, illegal or unenforceable, it shall be modified so as to be valid, legal and enforceable but so as most nearly to retain the intent of the parties. If such modification is not possible, such provision shall be severed from this Agreement. In either case, the validity, legality and enforceability of the remaining provisions of this Agreement shall not in any way be affected thereby. Customer and Company agree that electronic signatures are valid and effective, and that an electronically stored copy of this Agreement constitutes proof of the signature and contents of this Agreement, as though it were an original.

CUSTOMER'S INITIAL:

NR

DATE:

07/23/18



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #
51231811891

Expiration Date
7/18/2021

I. Decision Request:

Initial Recertification Change

Disposal Facility: 5123 - Sunshine Canyon Landfill

Generator Name: PORT OF LOS ANGELES

Generator Site Address: C

City: WILMINGTON

County: _____

State: CA

Zip: _____

Name of Waste: EMPTY PAINT CANS

Estimated Annual Volume: 30 Cubic Yards

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

This approval is limited to the EMPTY PAINT CANS of the SIX products on the PAINT SHOP SDSs LIST provided by Manny Ramirez on July 17, 2018 with the Special Waste Profile. Free liquids are not permitted for landfill disposal [40 CFR 258.28].

1. Acrylic High Gloss Enamel, Vista Paint Corp.
2. Compliant Cleaning Solvent, Pacific Coast Lacquer
3. 6000, White W/B Acrylic Traffic Paint, Pervo Paint
4. Amercoat 235 Haze Gray F/S 26270 235B2904 Resin, Ameron International
5. 3415 Easy epoxy Sunflower Yellow, Kop-Coat, Inc.
6. Carefree Earth Coat Flat White-P, Vista Paint Corp.

Special Waste Analyst Signature: Joseph M. Sorokach
Date: 7/19/2018

Name (Printed): Joseph Sorokach

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: Chris Coyle
Date: 7/19/2018

Name (Printed): Chris Coyle



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile # 5123 18 11891

Save jobs fill-in form. Restricted printing until all required (yellow) fields are complete.

Sales Rep #: 585

I. Generator Information

Generator Name: Port of Los Angeles			
Generator Site Address: C & M Berth 161			
City: Wilmington	County: Los Angeles	State: California	Zip: 90744
State ID/Reg No:	State Approval/Waste Code: (if applicable)		NAICS #:
Generator Mailing Address (if different): <input checked="" type="checkbox"/> 425 S. Palos Verdes St			
City: San Pedro	County: Los Angeles	State: California	Zip: 90731
Generator Contact Name: Manuel Ramirez		Email: mramirez@portla.org	
Phone Number: (310) 732-3782	Ext:	Fax Number: (310) 892-6827	

II. Billing Information

Bill To: Ocean Blue Environmental	Contact Name: Accounts Payable
Billing Address: 925 W Esther St	Email: info@ocean-blue.com
City: Long Beach	State: CA
Zip: 90813	Phone: (562) 624-4120

III. Waste Stream Information

Name of Waste: empty paint cans
Process Generating Waste: Maintenance of 1 & 5 gallon paint cans, dried out residual paint, non lead based paint. Products were used.
Type of Waste: <input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State: <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment: <input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume: 30 Cubic Yards
Frequency: <input type="checkbox"/> ONE TIME <input checked="" type="checkbox"/> ONGOING
Disposal Consideration: <input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE	
Sample Date:	
Sample ID Numbers:	

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. Empty Paint Cans		100			
2.					
3.					
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
various	none	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100	4-5	n/a °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Manuel Ramirez, Env. specialist
 Authorized Representative Name And Title (Type or Print)

Part of Los Angeles
 Company Name

Manuel Ramirez
 Authorized Representative Signature

7-18-18
 Date

Kidd, Kelly - Stockton

From: Ramirez, Manuel <MRamirez@portla.org>
Sent: Tuesday, July 17, 2018 11:19 AM
To: Kidd, Kelly - Stockton
Cc: Christine Simmons (csimmons@ocean-blue.com); rruiz@ocean-blue.com
Subject: Paint Shop SDSs
Attachments: 0387_001.pdf

Attached you will find the following SDSs:

Product /Manufacturer

1. Acrylic High Gloss Enamel, Vista Paint Corp.
2. Compliant Cleaning Solvent, Pacific Coast Lacquer
3. 6000, White W/B Acrylic Traffic Paint, Pervo Paint
4. Amercoat 235 Haze Gray F/S 26270 235B2904 Resin, Ameron International
5. 3415 Easy epoxy Sunflower Yellow, Kop-Coat, Inc.
6. Carefree Earth Coat Flat White-P, Vista Paint Corp.

Manny Ramirez
Environmental Specialist
Port of Los Angeles
310.892.6827 cell

-----Confidentiality Notice-----

This electronic message transmission contains information from the Port of Los Angeles, which may be confidential. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the content of this information is prohibited. If you have received this communication in error, please notify us immediately by e-mail and delete the original message and any attachment without reading or saving in any manner.

Material Safety Data Sheet

Part number: .7600

PRODUCT NAME: ACRYLIC HIGH GLOSS ENAMEL

HMIS CODES: H F PH

PRODUCT CODE: .7600

1 0 0

ION DATE: 05/20/2009

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Vista Paint Corporation
ADDRESS: 2020 East Orangethorpe Avenue
Fullerton, CA 92831
INFORMATION PHONE: 714.680.3800
24-hour Emergency Phone: 714.680.3800

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 8 columns: REPORTABLE COMPONENTS, CAS NUMBER, WEIGHT PERCENT, AGCIH TLV/TWA PPM, OSHA Exposure Limits TWA PPM MG/M3, STEL PPM MG/M3, VAPOR PRESSURE mm Hg @ TEMP

None

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Warning! This product contains a chemical(s) known to the state of California to cause cancer and birth defects, or other reproductive harm. P65 (CA)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT/RANGE: 212.0 - 453.0 SPECIFIC GRAVITY (H2O = 1.00): 1.18
VAPOR DENSITY: Greater than air. EVAPORATION RATE: Slower than ether.
COATING V.O.C.: 49.11 g/l MATERIAL V.O.C.: 16.89 g/l
SOLUBILITY IN WATER: Soluble.
APPEARANCE AND ODOR: Liquid, mild odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A METHOD USED: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: Water spray, Carbon dioxide, Foam, Dry Chemical.
SPECIAL FIREFIGHTING PROCEDURES

Avoid confined area unless properly protected against potentially irritating and toxic fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep away from heat. Containers may explode when exposed to extreme heat.

SECTION V - REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: None.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Carbon dioxide and/or monoxide, and unidentified organic compounds may be formed during combustion.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Vapor odors may cause irritation, nausea, headaches, and dizziness.

===== SECTION VI - HEALTH HAZARD DATA =====

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE CONTACT: Can cause minor irritation, redness and tearing.

SKIN CONTACT: Can cause minor irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause minor irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause nausea, vomiting, diarrhea, and gastrointestinal irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: Excessive inhalation of vapors may cause headache and nausea. Material is slightly alkaline and may irritate eyes and skin.

CHRONIC: None recognized.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None recognized.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Clean eyes with plenty of water.

SKIN CONTACT: Clean with soap and water.

INHALATION: Move affected person to fresh air. Apply artificial respiration if necessary. Seek medical attention immediately.

INGESTION: Drink water to dilute. Do not induce vomiting. Call a physician.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean spills immediately with absorbant such as clay or diatomaceous silica.

WASTE DISPOSAL METHOD

Dispose of all waste in accordance with federal, state, and local regulations.

CAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed when not in use. Do not store or handle near heat, flames, and strong oxidants. Store in a cool, well ventilated area.

OTHER PRECAUTIONS

Rotate stock, use older materials first. Inspect for leaks on all containers.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

Use NIOSH or OSHA approved respirator if TLV is exceeded.

VENTILATION

Provide sufficient ventilation to maintain exposure level below TLV/PEL.

PROTECTIVE GLOVES

Use impervious rubber gloves.

EYE PROTECTION

Use face shield or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use eye wash and safety shower. Use impervious clothing or change contaminated clothing immediately.

WORK/HYGIENIC PRACTICES

Wash hands, face, and hair with regular soaps. Clean clothes by normal laundering methods.

===== SECTION IX - DISCLAIMER =====

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness.

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: 25 gms/L COMPLIANT CLEANING SOLVENT
 PRODUCT CODE: 8007

HMIS CODES: H F R P
 1*4 0

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: PACIFIC COAST LACQUER
 ADDRESS : 3150 E. PICO BLVD.

LOS ANGELES, CA 90023-3683

EMERGENCY PHONE (CHEMTREC) : (800) 424-9300
 INFORMATION PHONE : (800) 672-4900

DATE PRINTED : 06/28/05
 NAME OF PREPARER : N/A

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	VAPOR PRESSURE		
	CAS NUMBER	mmHG	@TEMP (F)
ACETONE	67-64-1	185.5	68
OSHA PEL: 1000 ppm; 2,400 mg/m3 OSHA TWA: 750 ppm; 1,800 mg/m3 OSHA STEL: 1000 ppm; 2,400 mg/m3 ACGIH TWA: 500 ppm, STEL: 750 ppm			
~ TOLUENE	108-88-3	21.8	68
OSHA PEL: 200 ppm, ACGIH TLV: 100 ppm			
~ ISOPROPYL ALCOHOL, 2-PROPANOL	67-63-0	32	68
OSHA PEL: 400 ppm, ACGIH TLV: 400 ppm			
~ XYLENE	1330-20-7	6.1	68
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			

~Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE (Deg F): 133 - 285 DENSITY: 6.61 lb/gl
 VAPOR DENSITY: HEAVIER THAN AIR SPECIFIC GRAVITY (H2O=1): 0.79
 MATERIAL V.O.C.: 0.20 lb/gl MATERIAL V.O.C.: 24 g/l
 SOLUBILITY IN WATER: Slightly soluble EVAPORATION RATE: SLOWER THAN ETHER
 V.O.C. COMPOSITE VAPOR PRESSURE: 0.464 mmHG @ 68 DEG.F.
 APPEARANCE AND ODOR: Water-white liquid with mild odor.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT (Deg F): 1 METHOD USED: TOC
 FLAMMABLE LIMITS IN AIR BY % VOLUME- LOWER: 1 UPPER: 12.8

EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

Use approved self-contained breathing apparatus. Do not use direct stream of water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire-exposed containers should be cooled with water to prevent pressure build-up which could result in container rupture.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

Avoid heat, sparks and open flame

INCOMPATIBILITY (MATERIALS TO AVOID)
Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Inhalation: May cause CNS depression.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Skin and eye contact: May cause irritation to both.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Skin absorption: May cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Ingestion: May cause CNS depression.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: May cause irritation to nose, eyes and skin. May also cause CNS (central nervous system) depression which may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness and death may occur.
Chronic: Prolonged or repeated contact may result in dermatitis and damage to central nervous system, liver and kidneys.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: Yes OSHA REGULATED: No

This material contains ethylbenzene which is classified as "possibly carcinogenic to humans" (2B) by IARC.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Pre-existing eye, skin and respiratory disorders may be aggravated.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT.
SPASH (EYES): FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SPLASH (SKIN): WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE ALL SOURCES OF IGNITION AND PROVIDE VENTILATION. LARGE SPILLS MAY BE PUMPED TO SALVAGE VESSELS. SMALL SPILLS MAY BE PICKED UP WITH AN ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD

Place in tightly closed containers and dispose of in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks and open flames. Keep containers closed when not in use. Use with adequate ventilation.

OTHER PRECAUTIONS

Do not take internally. Ground equipment to prevent accumulation of static charge. Do not cut, weld, drill or grind on or near containers.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

Use self-contained breathing apparatus where vapor concentration may be above TLV limits. Where vapor does not exceed TLV limits, use NIOSH/MSHA approved respirator.

VENTILATION

Use explosion-proof ventilation as required to control vapor concentrations.

PROTECTIVE GLOVES

Chemical resistant gloves

EYE PROTECTION

Safety glasses, splash goggles or face shield. Contact lenses should not be worn.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Safety showers and eyewash stations should be provided.

WORK/HYGIENIC PRACTICES

Wash hands thoroughly before eating or using the washroom. Smoke in smoking areas only.

===== SECTION IX - REGULATORY INFORMATION =====

CALIFORNIA PROPOSITION 65

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Contains: Benzene (Trace) - Toluene -

This product contains a chemical known to the State of California to cause cancer.

Contains: Benzene (Trace) - Ethylbenzene (Trace) -

===== SECTION X - DISCLAIMER =====

The information contained herein is based on the data available to us and is believed to be correct. However, Pacific Coast Lacquer Co. makes no warranty expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Pacific Coast Lacquer Co. assumes no responsibility for injury from the use of the product described herein.

MATERIAL SAFETY DATA SHEET

PERVO PAINT
6624 STANFORD AVENUE
LOS ANGELES, CA 90001
U. S. A.

9-610

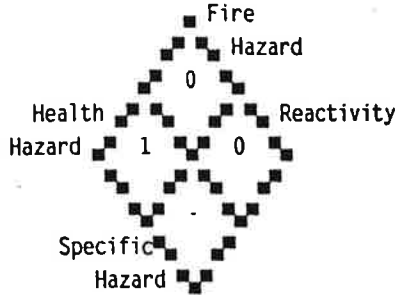
Emergency # 1-800-424-9300
Information# (323)-758-1147

Latest Revision Date...07/15/99
Print Date.....08/10/00

6000, WHITE W/B ACRYLIC TRAFFIC PAINT

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT CODE..... 6000
PRODUCT NAME..... 6000, WHITE ACRYLIC TRAFFIC PAINT
CHEMICAL FAMILY... WATER-BASED TRAFFIC
NFPA.....



HMIS RATING..... HEALTH: 1. FIRE: 0. REACTIVITY: 0. PERSONAL PROTECTION: R. (See Sect.# 8)

SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

CHEMICAL NAME(S)	CAS NUMBER	% WT	TLV-TWA	PEL	SEC.313
METHANOL	67-56-1	3-4	200 PPM	200 PPM	Yes
TEXANOL	25265-77-4	1-2	NA	NA	No

HOSE INGREDIENTS MARKED BY A Dagger (†) ARE FOUND IN THE OSHA CARCINOGEN LISTS, BY A SINGLE ASTERISK(*) ARE FOUND IN THE PROP 65 LIST

SECTION 3 PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg... 212° F
pH..... 9+
VAPOR PRESSURE mm Hg @20° C..... 1.4
VAPOR DENSITY (Air = 1)..... 0.62
SPECIFIC GRAVITY OR BULK DENSITY... 1.70
SOLUBILITY IN WATER..... Soluble
EVAPORATION RATE (BuAc = 1)..... 0.33
APPEARANCE..... WHITE VISCOUS LIQUID
ODOR..... SLIGHTLY AMMONIA
VOC (ex. water/exempt solvent).... 120 grams/liter (1.00 lbs/gal)
VOC (in. water/exempt solvent).... 90 grams/liter (0.75 lbs/gal)

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method)..... 120°F Tag Closed Cup
AUTOIGNITION TEMPERATURE..... NOT DETERMINED
FLAMMABILITY LIMITS IN AIR (% V)... Lower: NA, Upper: NA
EXTINGUISHING MEDIA..... Water fog, dry chemical, foam or Carbon di oxide
SPECIAL FIRE FIGHTING PROCEDURES... NA
UNUSUAL FIRE & EXPLOSION HAZARDS... NONE

SECTION 5 HEALTH HAZARD DATA * EFFECTS OF OVEREXPOSURE

SKIN CONTACT.....Prolonged or repeated contact of product with skin may cause irritation.
EYE CONTACT.....Direct contact of product with eyes can cause irritation.
INHALATION.....Vapor or mist can cause headache, nausea, irritation of nose, throat and eyes.
INGESTION.....Poisonous if swallowed. Can effect the optic nerve and other effects.

CHRONIC EFFECTS

OF OVEREXPOSURE...Based on the available data, permanent adverse effects are not expected.

TOXICOLOGICAL

TEST DATA.....No results available.

SECTION 6 EMERGENCY AND FIRST AID PROCEDURES

SKIN.....Wash affected areas with water while removing contaminated clothing. Get immediate medical attention. Launder contaminated clothing before reuse.
EYES.....Flush eyes with generous amounts of water for at least 15 minutes. Get immediate medical attention.
INGESTION...If swallowed, DO NOT INDUCE VOMITING. Dilute with water or milk and call a physician immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
INHALATION...Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY..... Stable
Conditions to Avoid..... Keep away from heat or direct strong sunlight.
CHEMICAL INCOMPATIBILITY..... Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS... Carbon monoxide and carbon dioxide.
HAZARDOUS POLYMERIZATION..... Does not occur
Conditions to Avoid..... N/A
CORROSIVE TO METAL..... No
OXIDIZER..... No

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....NIOSH/MSHA- approved organic vapor respirator when vapors are generated above the permissible limit.
VENTILATION.....Local exhaust to control to recommended P.E.L.
PROTECTIVE CLOTHING.....Gloves, coveralls, aprons, boots - as necessary to prevent skin contact.
EYE PROTECTION.....Chemical goggles or face shield.
OTHER PRECAUTIONS.....Shower after handling this product. Clean clothing should be worn daily. Eyewash fountains should be easily accessible. Keep out of reach of children. Use only as directed on label. Close container after each use. Do not reuse container.

SECTION 9 ENVIRONMENTAL INFORMATION

SPILL OR LEAK PROCEDURES...Spills should be contained, solidified and placed in a RCRA licensed facility.
WASTE DISPOSAL METHOD.....Incinerate in a RCRA licensed facility. Do not discharge into waterways or sewer systems without proper authorization.
CONTAINER DISPOSAL.....Empty containers with no residue at all may be landfilled at a licensed facility or for recondition. Recommend crushing or other means to prevent unauthorized reuse. Other containers must be disposed of in a RCRA licensed facility.
PROPOSITION 65.....CALIFORNIA SAFE DRINKING & TOXIC ENFORCEMENT ACT of 1986-WARNING: Those ingredients marked by a SINGLE ASTERISK(*), see Sec. 2, are chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. Overexposure from this product may be prevented by following the Section 8 of MSDS.

SECTION 10 SUPPLIER INFORMATION

The information contained herein is based on the data available to us and is believed to be correct. However, PERVO

SECTION 10

SUPPLIER INFORMATION

CONT'D

COATINGS makes no warrenty, expressed or implied regarding the accuracy of these data or the results to obtained from the use thereof. PERVO assumes no resposibility for injury from the use of the product described herein.



AMERON
Coatings

M. S. D. S.

Material Safety Data Sheet

DV235B20002

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : AMERCOAT 235 HAZE GRAY F/S 26270 235B2904 RESIN
 IDENTIFICATION NUMBER: DV235B20002
 PRODUCT CLASS : MULTI-PURPOSE EPOXY
 HEALTH : WARNING HMIS/NFPA : H2F3R0

Ameron International
 Protective Coatings Group
 201 North Berry St.
 Brea, CA 92821

EMERGENCY: 800-424-9300 (ChemTrec)
 24 Hours Emergency Hotline

INFORMATION: William B. Dances, PHONE: 714-529-1951 PREPARE DATE: 03/07/02
 PREVIOUS REVISION DATE: 02/09/01

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	MAGNESIUM SILICATE (Quartz silica** @ <0.05ppm)	14807-96-6	20.0 %
02	EPOXY RESIN (Also CAS# 25085-99-8. Diglycidyl ether<2ppm, phenyl glycidyl ether**<6ppm)	25068-38-6	20.0 %
03	MICA (Contains <1% crystalline silica**)	12001-26-2	15.0 %
04	HYDROCARBON RESIN (Also CAS# 68240-01-7 and 64742-16-1)	68131-89-5	15.0 %
05	+ TITANIUM DIOXIDE (As TiO ₂ , trace impurities, <6% aluminum hydroxide, <10% amorphous silica)	13463-67-7	15.0 %
06	HIGH FLASH NAPHTHA (Mfg TLV 50ppm; trace contaminant benzene**#<1ppm SARA,	64742-95-6	6.70 %

toluene#<0.1%SARA)

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
07	BUTYL ALCOHOL (Ceiling 50ppm)	71-36-3	5.30 %
08	(SARA, CERCLA) 1,2,4-Trimethyl benzene	95-63-6	5.00 %
09	(SARA) POLYISOCYANATE RESIN (Trace contaminant TDI)	dna	5.0 %
10	CALCIUM CARBONATE	471-34-1	5.0 %
11	EPOXY RESIN (Also CAS# 67924-34-9. Trace contaminants @ppm: Benzene**#<80, EPCH**#1 max.)	25036-25-3	5.0 %
12	METHYL N-AMYL KETONE	110-43-0	2.00 %
13	RHEOLOGY ADDITIVE	8001-78-3	5.0 %

ITEM	EXPOSURE LIMITS				VP mmHg @68F	TOXICITY	
	----- ACGIH -----		----- OSHA -----			LD50 g/kg	LC50 ppm
	TLV-TWA ppm	TLV-TWA Mg/M3	PEL-TWA ppm	PEL-TWA Mg/M3			
01	dna	2.00	dna	2.000	N.A.	dna	dna
02	dna	dna	dna	dna	N.A.	20.000	dna
03	dna	3.0	dna	3.0	N.A.	dna	dna
04	dna	3.0	dna	5.0	N.A.	dna	dna
05	dna	5.00	dna	5.000	N.A.	10.000	6820.000
06	dna	dna	100	dna	2.7	3.100	3670.000
07	50	dna	50	dna (S)	4.3	4.200	dna
08	25.0000	125.00	25.000	125.000	1.0	dna	dna
09	dna	dna	dna	dna	3.0	dna	dna
10	dna	5.0	dna	5.0	N.A.	dna	dna
11	dna	dna	dna	dna	N.A.	20.000	dna
12	50	233	50	235	2.1	12.000	4000.000
13	dna	3.0	dna	5.0	N.A.	dna	dna

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

REGULATORY: + Pigment content is dependent on color. **CALIF.TITLE
26:22-12000 (PROP 65). WARNING: This product contains a chemical known to

the State of California to cause cancer. #CALIF.TITLE 26:22-12000 (PROP 65). WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. All ingredients are on TSCA inventory or are exempt. Toxic chemicals marked (SARA, CERCLA, HAPs) are subject to reporting requirements of SARA (40CFR 355 and 372), CERCLA (40CFR 302), or HAPs (40CFR 63).

(S)=Skin; LD50=Dermal.rabbit; LC50=Inhalation,rat; dna=data not available; na=not applicable

SECTION 3 - HAZARDS IDENTIFICATION

EXPOSURE EFFECTS: Vapor or spray mist or spattered material can be harmful. Irritating to eyes, skin, and if inhaled; to nose and throat. Excessive or prolonged inhalation can cause headache, nausea or dizziness. Repeated and prolonged occupational overexposure to solvents is associated with permanent brain and nervous system damage. Intentional abuse, misuse or other massive exposure to solvents may cause multiple organ damage and/or death.

OVER-EXPOSURE (prolonged or repeated use): CAN AGGRAVATE OR ACCENTUATE ANY OF THESE EFFECTS.

SKIN: Severe irritant. Sensitization or allergic reaction, such as rash or hives. Can be absorbed through skin. Can cause defatting and drying of skin.

INHALATION: Irritant. Delayed lung injury. Respiratory sensitization and allergic reaction such as asthma. Central nervous system damage. DO NOT use if you have chronic lung or breathing problems, or if you have ever had a reaction to isocyanates. Smoking aggravates problems. High vapor concentrations may cause kidney and/or liver damage.

EYES: Severe irritant. Severe injury. DO NOT wear contact lenses when using this material.

INGESTION: Harmful if swallowed. Aspiration into lungs can damage lungs and cause chemical pneumonia.

TARGET ORGANS: Kidneys. Liver. Blood. Lungs. Skin. Eyes. Stomach. Central nervous system.

MEDICAL CONDITIONS AGGRAVATED: Kidneys. Liver. Skin. Eyes. Respiratory. Allergies. Lungs.

SECTION 3 - HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION INGESTION EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID PROCEDURES: INHALATION: Remove to fresh air. Restore normal breathing. Treat symptomatically. See physician. SKIN: Wash thoroughly with soap and water. Remove contaminated clothing. Consult physician if irritation persists. EYES: Flush immediately with plenty of water for at least 15 minutes and get medical attention. INGESTION: Drink 1 or 2 glasses

of water to dilute. Never give anything by mouth to an unconscious person. Do not induce vomiting. Consult physician or poison control center IMMEDIATELY. Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 98 F (SETA)

LOWER EXPLOSIVE LIMIT: 1.0 %

UPPER EXPLOSIVE LIMIT: 11.2 %

FLAMMABILITY - OSHA: FLAMMABLE - CLASS IC

DOT: FLAMMABLE

EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL

LOWEST FLASHING SOLVENT: 71-36-3

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode when exposed to extreme heat and pressure buildup. May produce a floating fire hazard. Isolate from electrical equipment, sparks, heat and open flame. Vapors may spread long distances, cause flash fire or ignite explosively. Water or foam may cause frothing due to generation of carbon dioxide.

FIREFIGHTING PROCEDURES: Wear full protective equipment, self-contained breathing apparatus. Water may be used to cool closed containers to prevent pressure build-up or explosion when exposed to extreme heat.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL, LEAKS: Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Use absorbent, inert cleanup materials. (DO NOT use sawdust.) Remove absorbent material with non-sparking tools. Place in separate container. Keep out of sewers and waterways. If entry is threatened or occurs, notify local authorities.

SECTION 7 - HANDLING AND STORAGE

HANDLING AND STORAGE: Keep container closed, upright when not in use. Store in cool, dry, well-ventilated area. Avoid prolonged storage temperatures above 100F. Do not reseal if water-contaminated. Use caution when pouring. Avoid breathing sanding dust. Do not weld or flame cut on empty container.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Implement administrative and engineering controls to reduce exposure. Provide sufficient ventilation in volume and pattern to keep air contaminant concentrations below the TLV limits. Remove welding or flame cutting decomposition products; follow current, ANSI Z49.1, "Safety in Welding and Cutting". Refer to 29 CFR parts 1910 and 1915, for coating operations; part 1910.146, Confined Spaces.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA certified respirator designed to remove a combination of particulates (dust or spray mist) and vapor. When brushing, rolling or spreading; select the appropriate respiratory protection for the conditions. For specific conditions, refer to current "NIOSH Pocket Guide to Chemical Hazards". In confined or restricted ventilation areas use air-line respirators or hoods. Refer to 29 CFR, OSHA parts 1910.134 and 1915 for coating operations; part 1910.146 Confined

Spaces; ANSI Z88.2, Practices for Respiratory Protection; 42 CFR, part 84 Particulate Respirators. A positive pressure, air supplied respirator (NIOSH TC 19C) is recommended. A vapor/particulate respirator (NIOSH/MSHA TC 23C) may be appropriate where AIRBORNE MONITORING demonstrates vapor levels BELOW ten times the applicable exposure limits.

PROTECTIVE CLOTHING AND EQUIPMENT: Dependent upon application method, wear resistant coveralls, gloves and shoe coverings to prevent skin contact. Wear solvent resistant glasses with splash guards or face shield to protect eyes from splash, spatter and/or spray mist. Consult 29 CFR 1910.132, 133, 136, 138; ANSI Z87.1, Z41. Use explosion and spark-proof equipment.

HYGIENIC PRACTICES: Wash thoroughly after handling and before eating, smoking or using toilet. Launder contaminated clothing before use. Destroy contaminated leather and absorbent shoes, which cannot be decontaminated, to prevent reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: 244 - 336 F	VAPOR DENSITY	: Is heavier than air
ODOR	: SOLVENT	WEIGHT PER GAL	: 11.7989
APPEARANCE	: LIQUID	EVAPORATION RATE	: Is slower than Butyl
SOLUBILITY IN H ₂ O	: NO		Acetate
EPA MIXED VOC, G/L	: 288	EPA MIXED THIN VOC, G/L	: 340
THINNER	: T10 @ 0.82 pints	PHOTOCHEMICALLY REACTIVE	: Yes

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VOLATILE VOLUME % : 34.47

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, open flame, arc or sparks. Water or moisture. Amines under uncontrolled conditions. High temperatures.

INCOMPATIBILITY: Strong oxidizers, acids and alkalies. Water.

HAZARDOUS DECOMPOSITION PRODUCTS: (BY FIRE, BURNING OR WELDING); CO, CO₂. Aldehydes. Isocyanates. Phenols. Toxic gases or fumes. TDI can be released at temperatures above 248 F.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

TOXICOLOGICAL PROPERTIES: See Section 2.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information.

SECTION 13 - DISPOSAL CONSIDERATIONS

EPA Waste No.: D001

DISPOSAL METHOD: Place in separate, appropriate, closed container in accordance with all applicable local, State, and Federal regulations. This material has NOT been tested by Toxicity Characteristic Leaching Procedure

(TCLP) .

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Paint

DOT HAZARD CLASS: 3

HAZARD SUBCLASS: NA

DOT UN/NA NUMBER: 1263

IMO: NA

PACKING GROUP : III

SECTION 14 - TRANSPORTATION INFORMATION

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous materials are among the top five ingredients.	

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
No non-hazardous ingredients are present at greater than 3%.	

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

NOTICE: Removal of old lead paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD.

□

KOP-COAT, INC
MARINE GROUP EAST
35 PINE STREET
ROCKAWAY
NJ 07866

EMERGENCIES
HEALTH/SPILLS.....: 800-548-0489
CHEMTREC ASSISTANCE: 800-424-9300
CHEMTREC OUTSIDE US: 703-527-3887
CANUTEC.....: 613-996-6666

KOP-COAT, INC
PRODUCT INFORMATION: 800-221-4466
OUTSIDE USA.....: 973-625-3100

1 PRODUCT IDENTIFICATION

PRODUCT NAME: 3415 Easyoxy Sunflower Yellow
PRODUCT USE: Topside coating
APPEARANCE..: Yellow liquid with hydrocarbon odor
CAS NUMBER...: Mixture
SYNONYMS....: None

REVISION...: 3
DATE.....: 3/04/99
MSDS NUMBER: 1341500

2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Titanium dioxide CAS NUMBER:13463-67-7 PERCENT BY WGT: 1 TO 5	ACGIH-TWA NIOSH OSHA TWA	- - -	(+)	10 - 10	(+) 1
Mineral spirits CAS NUMBER:64742-47-8 PERCENT BY WGT: 5 TO 10	ACGIH TWA NIOSH NIOSH STEL OSHA TWA	100 - - 100		525 350 1800 525	4
Petroleum naphtha CAS NUMBER:64742-88-7 PERCENT BY WGT: 10 TO 15	NIOSH NIOSH STEL OSHA TWA	- - 400		350 1800 1600	4
Kerosene CAS NUMBER:8008-20-6 PERCENT BY WGT: 1 TO 5			(None established.)		
Mineral spirits CAS NUMBER:8052-41-3 PERCENT BY WGT: 10 TO 15	ACGIH TWA NIOSH OSHA TWA	100 - 100		- 350 -	

NOTES:

- 1) Total dust
- 4) The short term exposure limit (STEL) is a 15-minute TWA that should not be exceeded at any time during a workday.
- (+) NIOSH Occupational Carcinogen

3 HAZARDS IDENTIFICATION

EYE: Direct contact with liquid or vapor may cause irritation.

SKIN: Prolonged or repeated contact with the skin can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION: Avoid breathing vapors or mists. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches). Prolonged or repeated inhalation and ingestion may cause delayed injury involving the kidneys and the blood.

INGESTION: Irritating to the nose, throat and respiratory tract. May cause

3 HAZARDS IDENTIFICATION

vomiting. Aspiration of this product into the lung may cause chemical pneumonitis which can be fatal.

Individuals with pre-existing disease in or a history of ailments involving the skin, eye, respiratory tract, liver, kidney, central nervous system are at a greater than normal risk of developing adverse effects when exposed to this material.

4 FIRST AID MEASURES

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water. If redness, itching, burning or other symptoms develop or persist, get medical attention. Wash contaminated clothing before reuse.

INHALATION: If you experience difficulty in breathing, leave the area to obtain fresh air. If breathing has stopped have a trained person administer artificial respiration preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: If swallowed do NOT induce vomiting. Give victim a glass of water or milk. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

NOTE TO PHYSICIAN: There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

5 FIRE FIGHTING MEASURES

FLASH POINT: 108 F/43C

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, water spray or foam.

FIRE FIGHTING PROCEDURES: As in any fire, wear complete fire service protective equipment, including full-face MSHA/NIOSH approved or equivalent self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel.

FIRE AND EXPLOSION HAZARDS: Can release vapors that form explosive mixtures. Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat (fire). Toxic vapors may be given off in a fire.

6 SPILL AND LEAK PROCEDURES

Stop spill/leak if no risk involved. Avoid breathing vapors. Use an inert absorbent to complete a clean-up. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

7 HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated breathing of vapors, mists or fumes. Do not get on skin, in eyes or on clothing. Wash thoroughly after handling.

STORAGE: Keep in a closed, labeled container within a cool (well-shaded), dry, ventilated area. Protect from physical damage. Keep containers closed when material is not in use. Maintain good housekeeping.

OTHER: Keep away from heat and open flame. Do not use until manufacturer's

7 HANDLING AND STORAGE

precautions have been read/understood.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Facilities storing or utilizing this product should be equipped with an eyewash facility.

RESPIRATORS: Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved or equivalent) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. A respiratory protection program that meets 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PERSONAL PROTECTIVE EQUIPMENT: Industrial safety glasses at a minimum. As necessary for work area conditions: use side shields, goggles, or facemask. As required, chemical resistant flexible-type gloves (heavy duty neoprene or equal). Wear industrial-type work clothing and safety footwear. Depending on working conditions, i.e., contact potential, wear resistant protective garments such as head/neck cover, aprons, jackets, pants, coveralls, boots, etc.

9 PHYSICAL AND CHEMICAL PROPERTIES

Weight Per Gallon (lbs):	8.130	% VOL by Weight:	Not determined
Vapor Density: (Air=1)	>1	Boiling Point...:	Not determined
Vapor Pressure:	Not determined	Evaporation Rate: (ether=1)	<1
pH.....:	Not determined	Specific Gravity:	> 1
Solubility In Water:	Negligible	Viscosity.....:	Not determined
VOC Content.....:	395 g/L		

3.3 lbs

10 STABILITY AND REACTIVITY DATA

STABILITY: None
HAZARDOUS POLYMERIZATION: None
INCOMPATIBILITY: Avoid oxidizing agents, heat, sparks and open flames.
HAZARDOUS DECOMPOSITION PRODUCT(S): Carbon monoxide, carbon dioxide upon thermal decomposition.

11 TOXICOLOGICAL INFORMATION

Contact Kop-Coat for applicable information.

12 ECOLOGICAL INFORMATION

Product has not been tested for ecotoxicity.

13 DISPOSAL CONSIDERATIONS

This product as supplied is a USEPA defined ignitable hazardous waste. Dispose of unusable product as a hazardous waste (D001) in accordance with local, state and federal regulations.

14 TRANSPORTATION INFORMATION

14 TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION REPORTABLE QUANTITIES

REPORTABLE QTY (LBS)	HAZARDOUS SUBSTANCE
100	Xylene

DOT PROPER SHIPPING NAME: None
DOT HAZARD CLASS: None
LABEL: Non-Hazardous
DOT IDENTIFICATION NUMBER: None
DOT information for domestic ground transportation.

15 REGULATORY INFORMATION

No information available.

16 OTHER INFORMATION

NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Kop-Coat, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.

PREPARED BY: L. Briggs Manager Environmental and Regulatory Affairs

Material Safety Data Sheet

Part number: .6100

PRODUCT NAME: CAREFREE EARTH COAT FLAT WHITE-P

HMIS CODES: H F PH

PRODUCT CODE: .6100

1 0 0

ISSUE DATE: 05/11/2009

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Vista Paint Corporation
ADDRESS: 2020 East Orangethorpe Avenue
Fullerton, CA 92831
INFORMATION PHONE: 714.680.3800
24-hour Emergency Phone: 714.680.3800

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 7 columns: REPORTABLE COMPONENTS, CAS NUMBER, WEIGHT PERCENT, AGCIH TLV/TWA PPM, OSHA Exposure Limits TWA PPM and MG/M3, STEL PPM and MG/M3, VAPOR PRESSURE mm Hg @ TEMP

None

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Warning! This product contains a chemical(s) known to the state of California to cause cancer and birth defects, or other reproductive harm. P65 (CA)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT/RANGE: 100.0 - 212.0 SPECIFIC GRAVITY (H2O = 1.00): 1.39
VAPOR DENSITY: Greater than air. EVAPORATION RATE: Slower than ether.
COATING V.O.C.: 3.41 g/l MATERIAL V.O.C.: 1.33 g/l
SOLUBILITY IN WATER: Soluble.
APPEARANCE AND ODOR: Liquid, mild odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A METHOD USED: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: Water spray, Carbon dioxide, Foam, Dry Chemical.
SPECIAL FIREFIGHTING PROCEDURES
Avoid confined area unless properly protected against potentially irritating and toxic fumes.
UNUSUAL FIRE AND EXPLOSION HAZARDS
Keep away from heat. Containers may explode when exposed to extreme heat.

SECTION V - REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: None.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Carbon dioxide and/or monoxide, and unidentified organic compounds may be formed during combustion.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Vapor odors may cause irritation, nausea, headaches, and dizziness.

===== SECTION VI - HEALTH HAZARD DATA =====

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE CONTACT: Can cause minor irritation, redness and tearing.

SKIN CONTACT: Can cause minor irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause minor irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause nausea, vomiting, diarrhea, and gastrointestinal irritation.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: Excessive inhalation of vapors may cause headache and nausea. Material is slightly alkaline and may irritate eyes and skin.

CHRONIC: None recognized.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

None recognized.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Clean eyes with plenty of water.

SKIN CONTACT: Clean with soap and water.

INHALATION: Move affected person to fresh air. Apply artificial respiration if necessary. Seek medical attention immediately.

INGESTION: Drink water to dilute. Do not induce vomiting. Call a physician.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean spills immediately with absorbant such as clay or diatomaceous silica.

WASTE DISPOSAL METHOD

Dispose of all waste in accordance with federal, state, and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed when not in use. Do not store or handle near heat, flames, and strong oxidants. Store in a cool, well ventilated area.

OTHER PRECAUTIONS

Rotate stock, use older materials first. Inspect for leaks on all containers.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

Use NIOSH or OSHA approved respirator if TLV is exceeded.

VENTILATION

Provide sufficient ventilation to maintain exposure level below TLV/PEL.

PROTECTIVE GLOVES

Use impervious rubber gloves.

EYE PROTECTION

Use face shield or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use eye wash and safety shower. Use impervious clothing or change contaminated clothing immediately.

WORK/HYGIENIC PRACTICES

Wash hands, face, and hair with regular soaps. Clean clothes by normal laundering methods.

===== SECTION IX - DISCLAIMER =====

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness.



AGENT SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

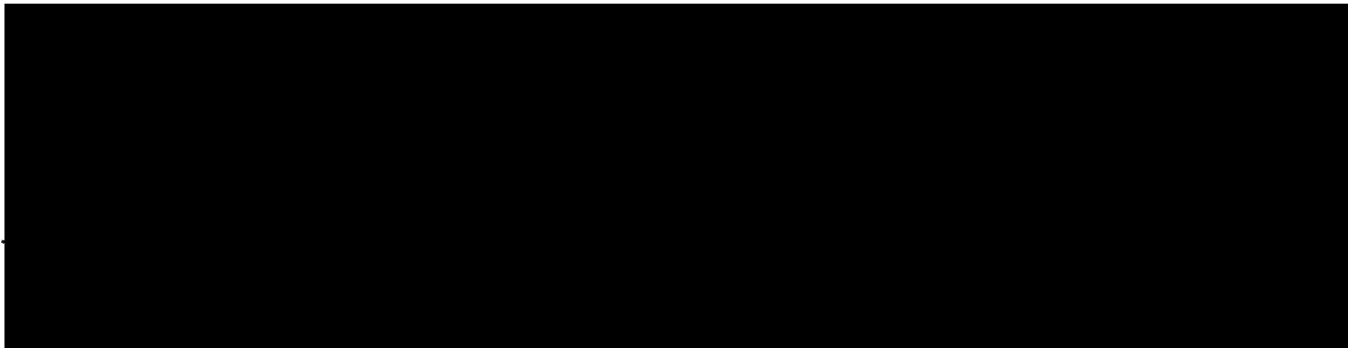
Special Waste Profile Number: 51231811891

Agent Billing Information
 Name: OCEAN BLUE ENVIRONMENTAL
ACCOUNT #100350
 Address: 925 WEST ESTHER STREET
 City: LONG BEACH
 State: CALIFORNIA Zip: 90813
 Phone: 562.624.4120 Fax: 562.624.4127
 Contact: CHRISTINE SIMMONS

Republic Waste Location (Company)
SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.833.6500

Project: PORT OF LOS ANGELES **County and State of Origin:** LOS ANGELES, CALIFORNIA
Generator Address: C&M BERTH 161, WILMINGTON, CA 90744
Additional Information: CONTACT: MANUEL RAMIREZ 310.732.3782

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



- (B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.
- 1) N/A
 - 2) N/A

4. **Term of Agreement.** This Agreement is effective for 12 months, commencing 7/20/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

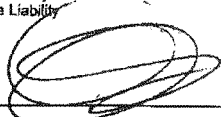
AGENT
 SIGNATURE (AUTHORIZED REPRESENTATIVE)
 NAME AND TITLE (PLEASE PRINT)
 DATE 7/20/18

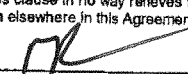
REPUBLIC SERVICES, INC/COMPANY
 SIGNATURE (AUTHORIZED REPRESENTATIVE)
 NAME AND TITLE (PLEASE PRINT) Michael Riley Director MFG: ENV SUCS
 DATE 7-23-18

Terms and Conditions of Agent Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.
8. **Rights of Refusal/Rejection.** The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Agent within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.
11. **Termination.** Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit
15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement:
 - (A) A petition for reorganization or bankruptcy filed by or against the Agent.
 - (B) Failure by Agent to pay any amounts due to Company.
 - (C) Any breach by Agent of any of its obligations pursuant to the Agreement.
Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.
17. **Assignment.** Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous.**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or data) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.
21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.
22. **Liquidated Damages.** In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

AGENT: 

Republic Services, INC./COMPANY: 



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile # 51231812629		Expiration Date 8/1/2019	
I. Decision Request:		<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change	
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: CITY OF LOS ANGELES			
Generator Site Address: 6TH ST BETWEEN GLADYS AVE AND CERES AVE			
City: LOS ANGELES	County:	State: CA	Zip:
Name of Waste: WEATHERED WOOD			
Estimated Annual Volume: 5 Tons			

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

Disposal of TWW must be in accordance with the California Health and Safety Code (HSC) sections 24143.1.5, 25150.7 and 25150.8.

Special Waste Analyst Signature: *Holly Wilson*

Name (Printed): Holly Wilson

Date: 8/1/2018

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: *[Signature]*

Name (Printed): Chris Coffey

Date: 8/1/2018



EXPRESS WASTE PROFILE

Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile #
5123 18 12629
Sales Rep #.

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: CITY OF LOS ANGELES			
Generator Site Address: 6TH STREET BETWEEN GLADYS AVE AND CERES AVE, LOS ANGELES, CA			
City: LOS ANGELES	County: LOS ANGELES	State: California	Zip: 90015
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS #.
Generator Mailing Address (if different): 1149 SOUTH BROADWAY suite 600			
City: LOS ANGELES	County: LOS ANGELES	State: California	Zip: 90015
Generator Contact Name: KRIS PEQUENO		Email: kris.pequeno@lacity.org	
Phone Number: (213) 485-1081	Ext:	Fax Number: (213) 485-5903	

II. Billing Information

Bill To: TOMOVICH & ASSOCIATES	Contact Name: LEO RODRIGUEZ		
Billing Address: 9611 BEVERLY ROAD	Email: leo@tomovichandassociates.com		
City: PICO RIVERA	State: CA	Zip: 90660	Phone: (562) 699-3496

III. Waste Stream Information

Name of Waste: <small>(Petroleum products-applies only to contaminated media and debris).</small>	<input type="checkbox"/> Diesel Fuel	<input checked="" type="checkbox"/> Weathered Wood	<input type="checkbox"/> Friable Asbestos
	<input type="checkbox"/> Home Heating Fuel #1-6	<input type="checkbox"/> RCRA Empty Containers	<input type="checkbox"/> Non Friable Asbestos
<input type="checkbox"/> Kerosene	<input type="checkbox"/> Treated Medical Waste	<input type="checkbox"/> Cured Asphalt	<input type="checkbox"/> Tires
<input type="checkbox"/> Aviation Fuel	<input type="checkbox"/> Animal Carcass (non infectious)	<input type="checkbox"/> Food Products <small>(Including Animal Food)</small>	
<input type="checkbox"/> Hydraulic Fluid	<input type="checkbox"/> Plant Trash		
<input type="checkbox"/> Unleaded Gasoline (UST Corrective Action)	<input type="checkbox"/> Meth Contaminated Debris		

Process Generating Waste: We removed existing railroad ties treated with creosote on 6th Street between Galdys Avenue and Ceres Avenue in Los Angeles, CA while excavating to install a new sewer. The work was done for the City of Los Angeles. Bureau of Engineering. 1149 S. Broadway Suite 600 Los Angeles, CA. 90015

Method of Shipment: <input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume: 5 Tons
Frequency: <input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

LUKA MILOSEVICH/PARTNER	TOMOVICH & ASSOCIATES
Authorized Representative Name/Title (Type or Print)	Company Name
	7/31/2018
Authorized Representative Signature	Date



THIRD PARTY SIGNATURE AUTHORIZATION
for Special Waste Disposal

Date: 8/1/2018

This Authorization is only valid for 3 years
from the above date.

To Whom It May Concern:

Please be advised that the following company/individual has been appointed to work as our
agent for purposes of managing waste materials that we may generate.

Table with 2 columns: Name of Authorized Agent, Title, Name of Company, Telephone Number. Values: Luka Milosovich, Partner, Tomovich & Associates, 562-699-3496

The above broker/individual is authorized to act as our authorized agent for the following
purposes:

- Complete and sign Special Waste Profile.
Complete and sign Special Waste Profile-Recertification.
Authorize amendments to Special Waste Profile.
Sign contracts to dispose and/or transport material.
Sign certifications necessary to comply with landfill requirements.
Sign manifests to initiate shipment to disposal facilities.

Our authorized agent will notify us prior to any action stated above, and will provide us with
copies of any documents bearing our name.

Table with 2 columns: Name of Company, Mailing Address, Generator Contact (Print Name), Title, Signature, Telephone Number. Values: City of Los Angeles, 1149 S. Broadway Los Angeles, CA 90015, Kristopher Pequeno, Civil Engineering Associate, [Signature], 213-485-1081



AGENT SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

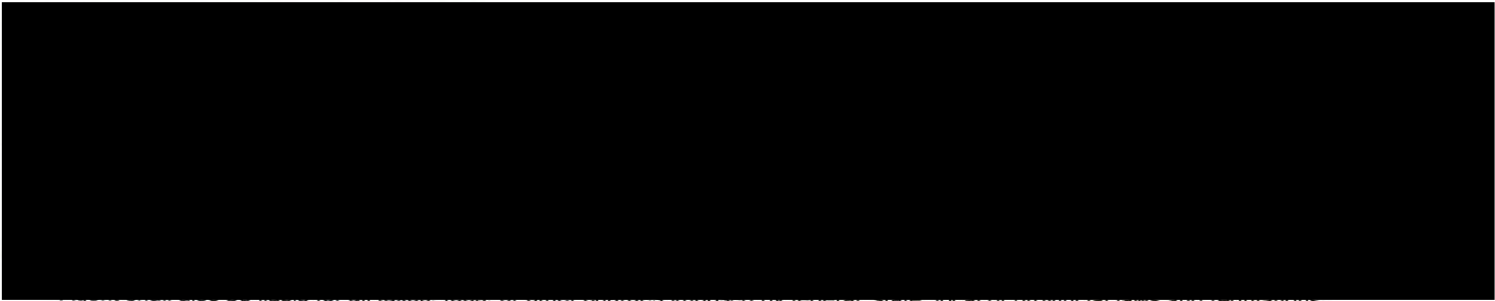
Special Waste Profile Number: 5123 18 12629

Agent Billing Information
 Name: TOMOVICH & ASSOCIATES
 (ACCOUNT# CASH 321)
 Address: 9611 BEVERLY RD
 City: PICO RIVERA
 State: CA Zip: 90660
 Phone: 562.699.3496 Fax: _____
 Contact: LUKA MILOSEVICH

Republic Waste Location (Company)
SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: CITY OF LOS ANGELES **County and State of Origin:** LOS ANGELES, CA
Generator Address: 6TH ST BETWEEN GLADYS AND CERES AVES. LOS ANGELES CA 90016
Additional Information: CONTACT: KRIS PEQUENO | PHONE: 213.485.1081

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



Cannot Exceed Daily Volume of 5 TONS Without Prior Approval of Company.

(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 12 months, commencing 8/1/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT
Tom Andrejich
 SIGNATURE (AUTHORIZED REPRESENTATIVE)
TOM ANDREJICH / PARTNER
 NAME AND TITLE (PLEASE PRINT)
8-6-18
 DATE

REPUBLIC SERVICES, INC/COMP Edward Antolin
 SIGNATURE (AUTHORIZED REPRESENTATIVE)
 Edward Antolin MESE
 NAME AND TITLE (PLEASE PRINT)
8/6/18
 DATE

Terms and Conditions of Agent Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.
8. **Rights of Refusal/Rejection.** The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Agent within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.
11. **Termination.** Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below.

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Agent being allowed on Facility premises, Agent shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire, or be changed without thirty (30) days advance written notice to the Company. Agent warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement:
 - (A) A petition for reorganization or bankruptcy filed by or against the Agent.
 - (B) Failure by Agent to pay any amounts due to Company.
 - (C) Any breach by Agent of any of its obligations pursuant to the Agreement.

Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous.**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.

21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages.** In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth.

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

AGENT: J.A. Republic Services, INC./COMPANY: Edward Antolin May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 51231813326	Expiration Date 8/4/2019	
I. Decision Request:	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Recertification	<input type="checkbox"/> Change
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: ALAMEDA CORRIDOR EAST CONSTRUCTION AUTHORITY-SGVCOG			
Generator Site Address: 5454 DIAZ ST			
City: IRWINDALE	County: _____	State: CA	Zip: _____
Name of Waste: WEATHERED WOOD			
Estimated Annual Volume: 700 Pounds			

II. Special Waste Department Decision: **Approved** **Rejected**

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

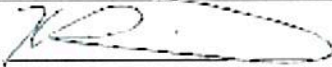
Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

Disposal of Weathered Wood Waste and or Treated Wood Waste must be in accordance with California Health and Safety Code (HSC) Sections 25150.7 and 25150.8 (for TWW) or in accordance with HSC Section 25143.1.5 (for TWW-Utility).

Special Waste Analyst Signature: 
Date: 8/13/2018

Name (Printed): KEITH DIAMANTI

III. Facility Decision: **Approved** **Rejected**

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: 
Date: 8/13/2018

Name (Printed): Chris Coyne



EXPRESS WASTE PROFILE

Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Saveable fill in form. Restricted printing until all required (yellow) fields are completed

Waste Profile #
5123 18 13326
Sales Rep #. 585

I. Generator Information

Generator Name: Alameda Corridor East Construction Authority- SGVCOG			
Generator Site Address: 5454 Diaz Street			
City: Irwindale	County: Los Angeles	State: California	Zip: 91706
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS #.
Generator Mailing Address (if different): 419 McGroarty Street			
City: San Gabriel	County: Los Angeles	State: California	Zip: 91776
Generator Contact Name: Phillip Balmeo		Email: pbalmeo@theaceproject.org	
Phone Number: (626) 962-9292	Ext:	Fax Number: (626) 962-3552	

II. Billing Information

Bill To: Crosstown Electric & Data	Contact Name: Gilbert Rodarte
Billing Address: 5454 Diaz Street	Email: gilbert.rodarte@crosstowndata.com
City: Irwindale	State: CA
Zip: 91706	Phone: (626) 813-6693

III. Waste Stream Information

Name of Waste: <small>(Petroleum products-applies only to contaminated media and debris).</small>	<input type="checkbox"/> Diesel Fuel	<input checked="" type="checkbox"/> Weathered Wood	<input type="checkbox"/> Friable Asbestos
	<input type="checkbox"/> Home Heating Fuel #1-6	<input type="checkbox"/> RCRA Empty Containers	<input type="checkbox"/> Non Friable Asbestos
	<input type="checkbox"/> Kerosene	<input type="checkbox"/> Treated Medical Waste	<input type="checkbox"/> Cured Asphalt
	<input type="checkbox"/> Aviation Fuel	<input type="checkbox"/> Animal Carcass (non infectious)	<input type="checkbox"/> Tires
	<input type="checkbox"/> Hydraulic Fluid	<input type="checkbox"/> Plant Trash	<input type="checkbox"/> Food Products <small>(Including Animal Food)</small>
	<input type="checkbox"/> Unleaded Gasoline (UST Corrective Action)	<input type="checkbox"/> Meth Contaminated Debris	

Process Generating Waste: 25' treated wooden post was removed from the intersection of Ramona St and Montecito Drive. Temporarily being stored at Crosstown Electric & Data yard at 5454 Diaz Street, Irwindale.

Method of Shipment: BULK DRUM BAGGED OTHER: Truck

Estimated Annual Volume: 700 Pounds

Frequency: ONE TIME ONGOING

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

Phillip Balmeo/ Project Manager	Alameda Corridor East Construction Authority- SGVCOG
Authorized Representative Name/Title (Type or Print)	Company Name
	08/01/18
Authorized Representative Signature	Date



**THIRD PARTY SIGNATURE AUTHORIZATION
for Special Waste Disposal**

Date: 8/9/18

This Authorization is only valid for 3 years from the above date.

To Whom It May Concern:


Please be advised that the following company/individual has been appointed to work as our agent for purposes of managing waste materials that we may generate.

Name of Authorized Agent Gilbert Rodarte	Title Project Manager
Name of Company Crosstown Electric & Data	Telephone Number 6268136693

The above broker/individual is authorized to act as our authorized agent for the following purposes:

- Complete and sign Special Waste Profile.
- Complete and sign Special Waste Profile-Recertification.
- Authorize amendments to Special Waste Profile.
- Sign contracts to dispose and/or transport material.
- Sign certifications necessary to comply with landfill requirements.
- Sign manifests to initiate shipment to disposal facilities.

Our authorized agent will notify us prior to any action stated above, and will provide us with copies of any documents bearing our name.

Name of Company Alameda Corridor East Construction Authority- SGVCOG	Mailing Address 419 McGroarty St, San Gabriel, CA 91776
Generator Contact (Print Name) Phillip Balmeo	Title Project Manager
Signature 	Telephone Number (626)962-9292



AGENT SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

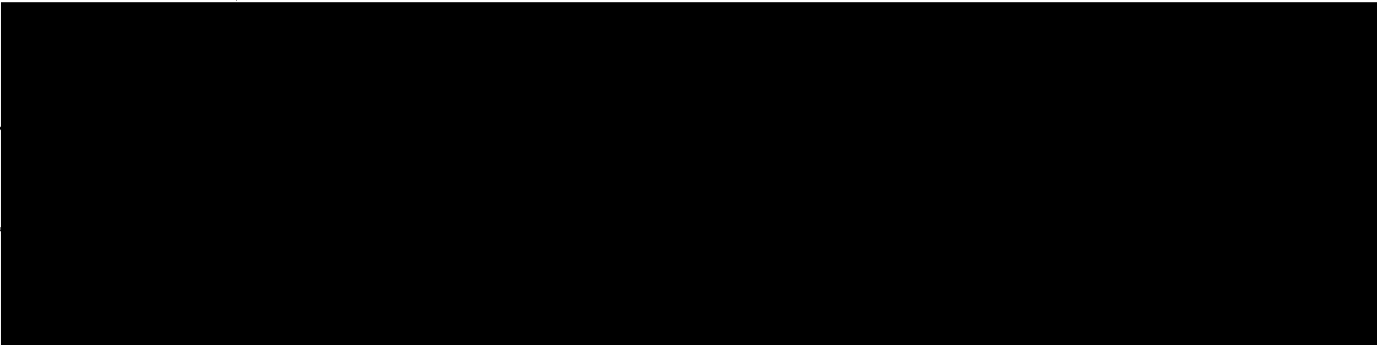
Special Waste Profile Number: 5123 18 13326

Agent Billing Information
 Name: CROSSTOWN ELECTRIC & DATA
 (ACCOUNT# CASH 321)
 Address: 5454 DIAZ ST
 City: OAKLAND
 State: CA Zip: 94621
 Phone: 626.813.6693 Fax: _____
 Contact: GILBERT RODARTE

Republic Waste Location (Company)
SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: ALAMEDA CORRIDOR EAST CONSTRUCTION AUTH-SGVCOG County and State of Origin: LOS ANGELES, CA
 Generator Address: 5454 DIAZ ST
 Additional Information: CONTACT: PHILLIP BALMEO 626.962.9292

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").




(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.


- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 12 months, commencing 8/13/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT

 SIGNATURE (AUTHORIZED REPRESENTATIVE)
Gilbert Rodarte - Project Manager
 NAME AND TITLE (PLEASE PRINT)

August 13, 2018
 DATE

REPUBLIC SERVICES, INC/COMPANY

 SIGNATURE (AUTHORIZED REPRESENTATIVE)
MICHAEL RILEY Director
 NAME AND TITLE (PLEASE PRINT)

8-13-18
 DATE

Terms and Conditions of Agent Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.
8. **Rights of Refusal/Rejection.** The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Agent within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.
11. **Termination.** Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Agent being allowed on Facility premises, Agent shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire, or be changed without thirty (30) days advance written notice to the Company. Agent warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement.
 - (A) A petition for reorganization or bankruptcy filed by or against the Agent.
 - (B) Failure by Agent to pay any amounts due to Company.
 - (C) Any breach by Agent of any of its obligations pursuant to the Agreement.

Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous.**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or data) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.

21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages.** In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

AGENT: _____

Republic Services, INC./COMPANY: _____

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #
51231813416

Expiration Date
8/13/2019

I. Decision Request:

Initial Recertification Change

Disposal Facility: 5123 - Sunshine Canyon Landfill

Generator Name: FOODPHARMA

Generator Site Address: 3851 SCHAUFLELE

City: LONG BEACH

County:

State: CA

Zip:

Name of Waste: FOOD PRODUCTS

Estimated Annual Volume: 6000 Pounds

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one?

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

The waste described on this Generator Waste Profile Sheet must be in non-leaking consumer sized containers (small containers similar in size to that normally found in household waste). Per 40 CFR 258.28(b)(1) (Liquid Restrictions).

Special Waste Analyst Signature: 

Date: 8/14/2018

Name (Printed): KEITH DIAMANTI

III. Facility Decision:

Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____

Date: 8/14/2018



Name (Printed): Chris Coyle



REPUBLIC SERVICES

EXPRESS WASTE PROFILE

Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile #

5123 18 13416

Sales Rep #.

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: FoodPharma			
Generator Site Address: 3851 Schaufele			
City: Long Beach	County: Los Angeles	State: California	Zip: 90808
State ID/Reg No:	State Approval/Waste Code: (if applicable)		NAICS #.
Generator Mailing Address (if different): 10012 South Painter Ave			
City: Santa Fe Springs	County: Los Angeles	State: California	Zip: 10023
Generator Contact Name: John Bornstein		Email: john@foodpharma.com	
Phone Number: (562) 944-7821	Ext:	Fax Number: (562) 944-1308	

II. Billing Information

Bill To: FoodPharma	Contact Name: 'Sophia Moreno'		
Billing Address: 10012 So Painter Ave		Email: pabales@foodpharma.com	
City: Santa Fe Springs	State: Calif.	Zip: 90670	Phone: (562) 944-7821

III. Waste Stream Information

Name of Waste: <small>(Petroleum products-applies only to contaminated media and debris).</small>	<input type="checkbox"/> Diesel Fuel	<input type="checkbox"/> Weathered Wood	<input type="checkbox"/> Friable Asbestos
	<input type="checkbox"/> Home Heating Fuel #1-6	<input type="checkbox"/> RCRA Empty Containers	<input type="checkbox"/> Non Friable Asbestos
	<input type="checkbox"/> Kerosene	<input type="checkbox"/> Treated Medical Waste	<input type="checkbox"/> Cured Asphalt
	<input type="checkbox"/> Aviation Fuel	<input type="checkbox"/> Animal Carcass (non infectious)	<input type="checkbox"/> Tires
	<input type="checkbox"/> Hydraulic Fluid	<input type="checkbox"/> Plant Trash	<input checked="" type="checkbox"/> *Food Products <small>(Including Animal Food)</small>
	<input type="checkbox"/> Unleaded Gasoline (UST Corrective Action)	<input type="checkbox"/> Meth Contaminated Debris	

Process Generating Waste: Customer Packing (cartons) non Leaking and Obsolete Protein Bars

Method of Shipment: BULK DRUM BAGGED OTHER:

Estimated Annual Volume: 6,000 # *JB* -- Select Volume Type --

Frequency: ONE TIME ONGOING

*PER JB/KK 8/14/18

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

John Bornstein Purchasing Manager

Authorized Representative Name/Title (Type or Print)

FoodPharma

Company Name

8/13/18

Date

Authorized Representative Signature

Kidd, Kelly - Stockton

From: Antolin, Edward
Sent: Tuesday, August 14, 2018 7:50 AM
To: Kidd, Kelly - Stockton
Subject: Re: Food Disposal- Sunshine Canyon Landfill

Yes,.Long Beach Is hauling and Gabby will set up for her customer.

Sent via the Samsung Galaxy S®6 active, an AT&T 4G LTE smartphone

----- Original message -----

From: "Kidd, Kelly - Stockton" <KKidd@republicservices.com>
Date: 8/14/18 7:22 AM (GMT-08:00)
To: "Antolin, Edward" <EAntolin@republicservices.com>
Subject: FW: Food Disposal- Sunshine Canyon Landfill

Are we hauling this? If so, which company?

From: John Bornstein <john@foodpharma.com>
Sent: Monday, August 13, 2018 3:01 PM
To: Kidd, Kelly - Stockton <KKidd@republicservices.com>
Subject: RE: Food Disposal- Sunshine Canyon Landfill

Note that (john@foodpharma.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

You will be pickup up 6000 pounds

John Bornstein
10012 S Painter Ave
Santa Fe Springs CA 90670
Bus. (562) 944-7821 Fax (562) 944-1308 Cell (323) 8557717



From: Kidd, Kelly - Stockton [<mailto:KKidd@republicservices.com>]
Sent: Monday, August 13, 2018 2:57 PM
To: John Bornstein <john@foodpharma.com>
Subject: RE: Food Disposal- Sunshine Canyon Landfill

Kidd, Kelly - Stockton

From: Coyle, Chris
Sent: Tuesday, August 14, 2018 9:10 AM
To: Kidd, Kelly - Stockton
Subject: RE: 51231813416 For Approval

Approved. Can you add my signature? I'm remote today. Thanks

Chris Coyle

General Manager
Sunshine Canyon Landfill

14747 San Fernando Road
Sylmar, CA 91342
e ccoyle@republicservices.com
o 818.362.2141 c 480.369.0024
f 818.362.5484 w RepublicServices.com



We'll handle it from here.™

From: Kidd, Kelly - Stockton
Sent: Tuesday, August 14, 2018 8:53 AM
To: Coyle, Chris
Subject: 51231813416 For Approval

Hi Chris,

This will be hauled by and billed to Long Beach.

Thanks

Kelly Kidd

Special Waste Sales Coordinator

1145 West Charter Way
Stockton, CA 95206
e kkidd@republicservices.com
o 209-547-7519
f 209-466-1067 w www.RepublicServices.com

INVOICE TO	
CUSTOMER NAME	FoodPharma
ATTN:	John Bornstein
ADDRESS	10012 PAINTER AVE
CITY	SANTA FE SPRINGS, CA
STATE	
ZIP CODE	90670
TEL. NO.	(562) 944-7821 FAX NO.

SITE LOCATION		
SITE NAME	FOOD PHARMA REC BIN	
ADDRESS	10012 PAINTER AVE	
CITY	SANTA FE SPRINGS, CA	
STATE		
ZIP CODE	90670	
TEL. NO.	(562) 944-7821	FAX NO.
AUTHORIZED BY:	John Bornstein	TITLE
CONTACT	John Bornstein	TITLE Operations Manager

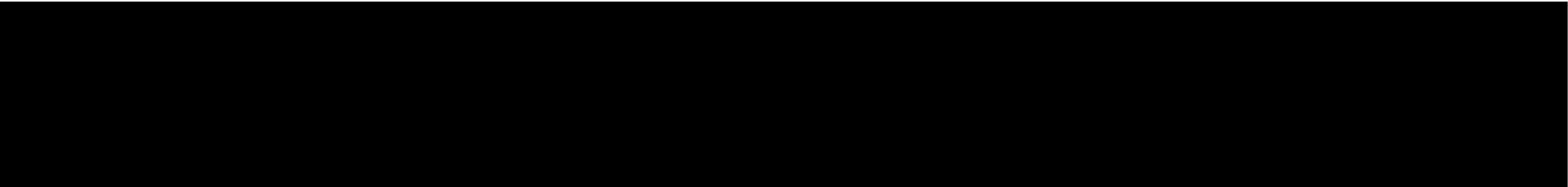


Temporary Service Agreement

AGREEMENT NUMBER A183505210

ACCOUNT NUMBER 902 -

EMAIL john@foodpharma.com



BY: _____
(AUTHORIZED SIGNATURE)

TITLE: _____

BY: _____
(AUTHORIZED SIGNATURE)

TITLE: _____

CUSTOMER NAME (PLEASE PRINT)

DATE OF AGREEMENT

COMMENTS
Valued Customer Discount - Delivery for 1 container RO 40.00 yard - \$0.50
Delivery Notes:
Safety: No Safety Concerns
WASTE CONTAINER 40 CU YD - SPECIAL WASTE LOAD- DESTRUCTION LOAD SIGNDE MANIFEST REQUIRED FOR SSCL
Service Notes:
WASTE CONTAINER 40 CU YD - SUNSHINE CANYON LANDFILL LOAD
Exempt From: Fuel Recovery Fee, Administrative Fee

TERMS AND CONDITIONS

SERVICES. Customer grants to Company the right to collect, transport, and dispose of or recycle all of customer's non-hazardous solid waste materials (including Recyclable Materials) (collectively, "Waste Materials"), and Company agrees to furnish such services as permitted by Applicable Laws. Company agrees to respond to customer's inquiries regarding the services within 30 days of such inquiry.

TERM. THE TERM OF THIS AGREEMENT SHALL START ON THE DATE ON WHICH SERVICE UNDER THIS AGREEMENT COMMENCES AND SHALL CONTINUE UNTIL THE EARLIER OF CUSTOMER GIVING WRITTEN NOTICE TO COMPANY OF THE FINAL PULL UNDER THIS AGREEMENT OR 30 DAYS AFTER WRITTEN NOTICE TO COMPANY. COMPANY MAY TERMINATE THIS AGREEMENT AT ANY TIME BY ORAL OR WRITTEN NOTICE TO CUSTOMER. COMPANY SHALL REMOVE ALL EQUIPMENT PROVIDED TO CUSTOMER WITHIN 30 DAYS OF THE EFFECTIVE DATE OF THE TERMINATION OF SERVICES.

WASTE MATERIALS. The Waste Materials shall not contain any hazardous materials, wastes or substances; toxic substances, wastes or pollutants; contaminants; pollutants; infectious wastes; medical wastes; or radioactive wastes (collectively, "Excluded Waste"), each as defined by applicable federal, state or local laws or regulations (collectively, "Applicable Laws"). **CUSTOMER SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS COMPANY FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES, SUITS, PENALTIES, FINES, REMEDIATION COSTS, AND LIABILITIES (INCLUDING COURT COSTS AND REASONABLE ATTORNEYS' FEES) (COLLECTIVELY, "LOSSES") RESULTING FROM THE INCLUSION OF EXCLUDED WASTE IN THE WASTE MATERIALS.**

TITLE. Company shall acquire title to Waste Materials when they are loaded into Company's truck. Title to and liability for any Excluded Waste shall remain with Customer and shall at no time pass to Company.

CONTINUED ON NEXT PAGE

PAYMENT. Customer shall pay Company for the services and equipment furnished by Company at the rates provided in this Agreement. Customer shall pay all taxes, fees and other governmental charges assessed against or passed through to Company (other than income or real property taxes). Customer shall pay such fees as the Company may impose from time to time by notice to Customer (including, by way of example only, late payment fees, administrative fees and environmental fees), with Company to determine the amounts of such fees in its discretion up to the maximum amount allowed by Applicable Law. Without limiting the foregoing, Customer shall pay Company: (a) a fee of \$50 (which Company may increase from time to time by notice to Customer) for each check submitted by Customer that is an insufficient funds check or is returned or dishonored; and (b) fuel/environmental recovery fees in the amount shown on each of Company's invoices, which amount Company may increase or decrease from time to time by showing the amount on the invoice. Customer shall pay Company within 20 days after the date of Company's invoice. At any time after Company becomes concerned about Customer's creditworthiness or after Customer has made any late payment, Company may request, and if requested Customer shall pay, a deposit in an amount equal to one month's charges under this Agreement.

RATE ADJUSTMENTS. Company may, from time to time by 30 days prior written notice to Customer, increase the rates provided in this Agreement to adjust for any increase in: (a) disposal costs; (b) transportation costs due to a change in location of Customer or the disposal or recycling facility used by Company; (c) the Consumer Price Index for All Urban Consumers (Water, Sewer and Trash Collection Services), U.S. City Average; (d) the average weight per cubic yard of Customer's Waste Materials above the number of pounds per cubic yard upon which the rates provided in this Agreement are based as indicated on the cover page of this Agreement; (e) recycling sorting, processing and related costs; (f) costs related to Customer's failure to separate Recyclable Materials from other Waste Materials, the contamination of the Recyclable Materials, or other decreases in the value of the Recyclable Materials; or (g) Company's costs due to changes in Applicable Laws. Company may increase rates for reasons other than those set forth above with Customer's consent, which may be evidenced verbally, in writing or by the parties' actions and practices.

SERVICE CHANGES. The parties may change the type, size or amount of equipment, the type or frequency of service, and correspondingly the rates by agreement of the parties, which may be evidenced verbally, in writing or by the parties' actions and practices. This Agreement shall apply to any change of location of Customer within the area in which Company provides collection and disposal services.

RECYCLABLE MATERIALS. This section applies in the event Company has expressly agreed to remove and transport Recyclable Materials (material that Company determines can be recycled typically including, without limitation, aluminum cans (UBC – Used Beverage Containers), cardboard (free of wax), ferrous metal cans, mixed office paper, newspaper and plastics containers) to a material recovery facility, recycling center or similar facility. Customer agrees that Company in its sole discretion may determine any single load is contaminated and may refuse to collect it or may charge Customer for any additional costs, including (but not limited to) sorting, processing, transportation and disposal costs. Customer shall comply with all Applicable Laws regarding the separation of solid waste from Recyclable Materials and use of its best efforts to not place items in the container that may result in the decrease in the value of Recyclable Materials or make the Recyclable Materials unsuitable for recycling.

RESPONSIBILITY FOR EQUIPMENT; ACCESS. Any equipment Company furnishes shall remain Company's property. Customer shall be liable for all loss or damage to such equipment (except for normal wear and tear and for loss or damage resulting from Company's handling of the equipment). Customer shall use the equipment only for its proper and intended purpose and shall not overload (by weight or volume), move or alter the equipment. **CUSTOMER SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS COMPANY FROM AND AGAINST ALL LOSSES ARISING FROM ANY INJURY OR DEATH TO PERSONS OR LOSS OR DAMAGE TO PROPERTY (INCLUDING THE EQUIPMENT) ARISING OUT OF CUSTOMER'S USE, OPERATION OR POSSESSION OF THE EQUIPMENT.** Customer shall provide safe, unobstructed access to the equipment on the scheduled collection day. Company may charge an additional fee for any additional collection service required by Customer's failure to provide access.

DAMAGE TO PAVEMENT. Company shall not be responsible for any damages to Customer's pavement, curbing or other driving surfaces resulting from Company's providing service at Customer's location.

SUSPENSION. If any amount due from Customer is not paid within 60 days after the date of Company's invoice, Company may, without notice and without terminating this Agreement, suspend collecting and disposing of Waste Materials until Customer has paid such amount to Company. If Company suspends service, Customer shall pay Company a service interruption fee in an amount determined by Company in its discretion up to the maximum amount allowed by Applicable Law.

ASSIGNMENT. Customer shall not assign this Agreement without Company's prior written consent, which Company shall not unreasonably withhold. Company may assign this Agreement without Customer's consent.

EXCUSED PERFORMANCE. Except for Customer's obligation to pay amounts due to Company, any failure or delay in performance due to contingencies beyond a party's reasonable control, including strikes, riots, terrorist acts, compliance with Applicable Laws or governmental orders, fires and acts of God, shall not constitute a breach of this Agreement.

ATTORNEYS' FEES. If any litigation is commenced under this Agreement, the successful party shall be entitled to recover, in addition to such other relief as the court may award, its reasonable attorneys' fees, expert witness fees, litigation related expenses, and court or other costs incurred in such litigation or proceeding.

MISCELLANEOUS. This Agreement sets forth the entire agreement of the parties and supersedes all prior agreements, whether written or oral, that exist between the parties regarding the subject matter of this Agreement. Company shall have no confidentiality obligation with respect to any Waste Materials. This Agreement shall be binding upon and inure solely to the benefit of the parties and their permitted assigns. If any provision of this Agreement shall be invalid, illegal or unenforceable, it shall be modified so as to be valid, legal and enforceable but so as most nearly to retain the intent of the parties. If such modification is not possible, such provision shall be severed from this Agreement. In either case, the validity, legality and enforceability of the remaining provisions of this Agreement shall not in any way be affected thereby. Customer and Company agree that electronic signatures are valid and effective, and that an electronically stored copy of this Agreement constitutes proof of the signature and contents of this Agreement, as though it were an original.

CUSTOMER'S INITIAL:

DATE:

	<h2 style="margin:0;">Republic Services, Inc.</h2> <p style="margin:0; font-size: small;">18500 N. Allied Way, Phoenix, AZ 85054</p>	
SPECIAL WASTE DEPARTMENT DECISION		
	Waste Profile # 51231814531	Expiration Date 8/30/2021
I. Decision Request:	<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change	
Disposal Facility: 5123 - Sunshine Canyon Landfill		
Generator Name: COREY NURSERY CO. INC.		
Generator Site Address: 1650 MONTE VISTA AVE		
City: CLAREMONT	County: <input type="text"/>	State: CA Zip: <input type="text"/>
Name of Waste: PLANT MATERIAL		
Estimated Annual Volume: 2500 Pounds		

II. Special Waste Department Decision:
 Approved
 Rejected

Management Method(s):
 Landfill
 Solidification
 Bioremediation
 Transfer Facility

Problematic Special Waste according to Republic?
 Yes
 No

If yes, which one?

Approved by Special Waste Review Committee?
 Yes
 No
 Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature:  **Name (Printed):** KEITH DIAMANTI
Date: 8/30/2018

III. Facility Decision:
 Approved
 Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager certifies that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee:  **Name (Printed):** CHRIS COYLE GM
Date: 8/30/2018

Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile # 5123 18 14531

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Sales Rep #:

Generator Name: Corey Nursery Co. Inc.			
Generator Site Address: 1650 Monte Vista Ave			
City: Claremont	County: Los Angeles	State: California	Zip: 91711
State ID/Reg No:	State Approval/Waste Code: (if applicable)		NAICS # :
Generator Mailing Address (if different): <input type="checkbox"/> 1650 Monte Vista Ave			
City: Claremont	County:	State: California	Zip: 91711
Generator Contact Name: Alberto Santoyo		Email: alberts@coreynursery.com	
Phone Number: (909) 621-6886	Ext: 115	Fax Number: (909) 621-6889	

II. Billing Information

Bill To: Corey Nursery Co. Inc.		Contact Name: Kim Rich	
Billing Address: 1650 Monte Vista Ave		Email: kimr@coreynursery.com	
City: Claremont	State: CA	Zip: 91711	Phone: (909) 621-6886

III. Waste Stream Information

Name of Waste: Plant Material	
Process Generating Waste: Corey Nursery brings in plant material from other nurseries from all over the world. LA Ag Inspectors inspect our plant material. If they find some pests on the plant material they put is on hold until the pest can be identified. If pest is A-Rated or Q-rated. We have to destroy the plant material. We then double bag the material and take to your facility for disposal.	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input type="checkbox"/> BULK <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> BAGGED <input type="checkbox"/> OTHER: double bagged
Estimated Annual Volume:	2,500 Pounds
Frequency:	<input type="checkbox"/> ONE TIME <input checked="" type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification
 NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
--	---

Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE
--

Sample Date:

Sample ID Numbers:

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. 80% Plant Material					
2. 15% Cardboard boxes					
3. 5% Plastic Trash bags					
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
green	grass clippings	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100	N/A	N/A °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Albertro Santoyo Greenhouse Manager

Corey Nursery

Authorized Representative Name And Title (Type or Print)

Company Name



8/30/2018

Authorized Representative Signature

Date



SPECIAL WASTE SERVICE AGREEMENT
NON-HAZARDOUS WASTES

Special Waste Profile Number: 51231814531

Generator Billing Information

Name: COREY NURSERY CO INC (ACCOUNT # 321)
Address: 1650 MONTE VISTA AVE
City: CLAREMONT
State: CA Zip: 91711
Phone: 909.621.6886 Fax:
Contact: ALBERTO SANTOYO

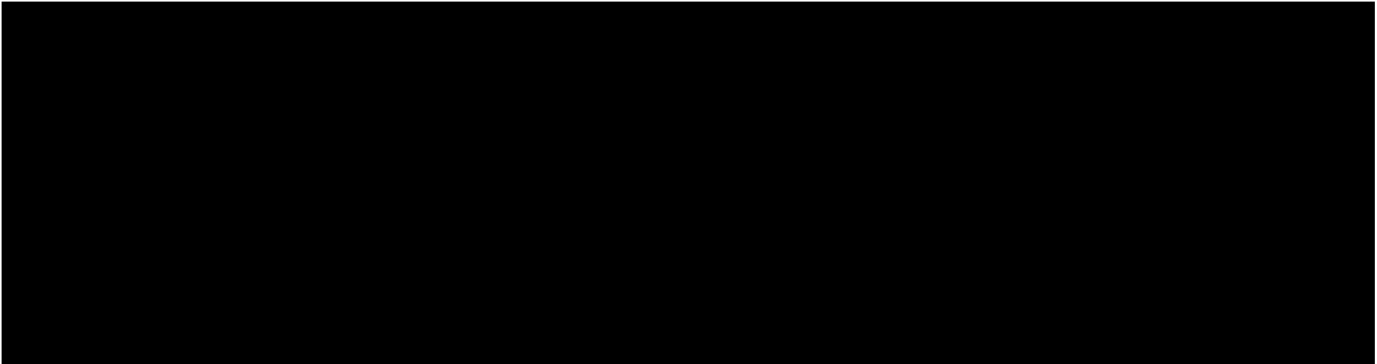
Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: BAGGED PLANT MATERIAL County and State of Origin: LOS ANGELES, CA

Additional Information:

- 1. Special Waste Service. Subject to the terms and conditions contained herein, the Company and the Generator agree to be legally bound hereby...
2. Acceptable Waste. Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above...



(B) Incorporation by Reference. In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
2) N/A

4. Term of Agreement. This Agreement is effective for 36 months, commencing 8/30/18 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE GENERATOR, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

Signature of Alberto Santoyo
SIGNATURE (AUTHORIZED REPRESENTATIVE)
Alberto Santoyo Greenhouse Manager
NAME AND TITLE (PLEASE PRINT)
8/30/2018
DATE

REPUBLIC SERVICES, INC/COI

Signature of Edward Antolin
SIGNATURE (AUTHORIZED REPRESENTATIVE)
EDWARD ANTOLIN MESE
NAME AND TITLE (PLEASE PRINT)
8/31/18
DATE

Terms and Conditions of Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
8. **Rights of Refusal/Rejection.** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
11. **Termination.** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire or lapse, or be changed without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.

16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:

- (A) A petition for reorganization or bankruptcy filed by or against the Generator.
- (B) Failure by Generator to pay any amounts due to Company.
- (C) Any breach by Generator of any of its obligations pursuant to the Agreement.

Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.

18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.

19. **Continuing Compliance.** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.

20. **Miscellaneous.**

- (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
- (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
- (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
- (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
- (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
- (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
- (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
- (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Generator.

21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages.** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

GENERATOR: AS.

Republic Services, Inc/COMPANY: Edward Antolin

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #
51231814769

Expiration Date
11/30/2018

I. Decision Request:

Initial Recertification Change

Disposal Facility: 5123 - Sunshine Canyon Landfill

Generator Name: LA TROPICALE INC

Generator Site Address: 9919 SPRINGLAND DR

City: WHITTIER

County:

State: CA

Zip:

Name of Waste: PLANT GREEN ISLAND FICUS IN 10" PLASTIC POTS

Estimated Annual Volume: 150 Pounds

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one?

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: *Joseph M. Sorokach*
Date: 9/5/2018

Name (Printed): Joseph Sorokach

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: *Chris Coyle*
Date: 9/5/2018

Name (Printed): CHRIS COYLE



Requested Disposal Facility: --- Select a Facility ---

SUNSHINE CANYON

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Waste Profile # 5123 18 14769

Sales Rep #:

I. Generator Information

Generator Name: LA TROPICALS INC			
Generator Site Address: 9919 Springland Dr.			
City: Whittier	County: LA	State: -- Select a State CA	Zip: 90601
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS #:
Generator Mailing Address (if different): <input type="checkbox"/> SAME			
City: SAME	County: SAME	State: -- Select a State --	Zip: SAME
Generator Contact Name: Leticia Perez		Email: Leticia@AGREENPLANET.COM	
Phone Number: 562 268 2914	Ext: 14	Fax Number: 562 692 9995	

II. Billing Information

Bill To: LA TROPICALS INC	Contact Name: Leticia Perez
Billing Address: 9919 Springland Dr	Email: Leticia@AGREENPLANET.COM
City: Whittier	State: CA
Zip: 90601	Phone: 562 268 2914

III. Waste Stream Information

Name of Waste: Plant 'GREEN ISLAND FIGUS' IN 10" PLASTIC POTS
Process Generating Waste: PLANTS HAVE BEEN CUT AND BAGGED. LA COUNTY AG found a Bug (RED SCALE) on 1 of the plants. 30 plants in total
Type of Waste: <input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State: <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment: <input type="checkbox"/> BULK <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume: 150 LBS TOTAL -- Select Volume Type --
Frequency: <input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING
Disposal Consideration: <input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
--	---

Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE
--

Sample Date:

Sample ID Numbers:

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. plant leaves branches Roots	
2. Soil	
3. Plastic Pots	
4. plants and soil 90%	
5. Plastic pots 10%	

Color: Black BEDON green.	Odor (describe): Dirt cutwood	Does Waste Contain Free Liquids? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	% Solids 100%	pH: N/A	Flash Point N/A °F
---------------------------------	-------------------------------------	--	------------------	------------	-----------------------

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Leticia Perez Manager
Authorized Representative Name And Title (Type or Print)

LA TROPICALS INC
Company Name

[Signature]
Authorized Representative Signature

9/5/2018
Date



SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 51231716936

Generator Billing Information

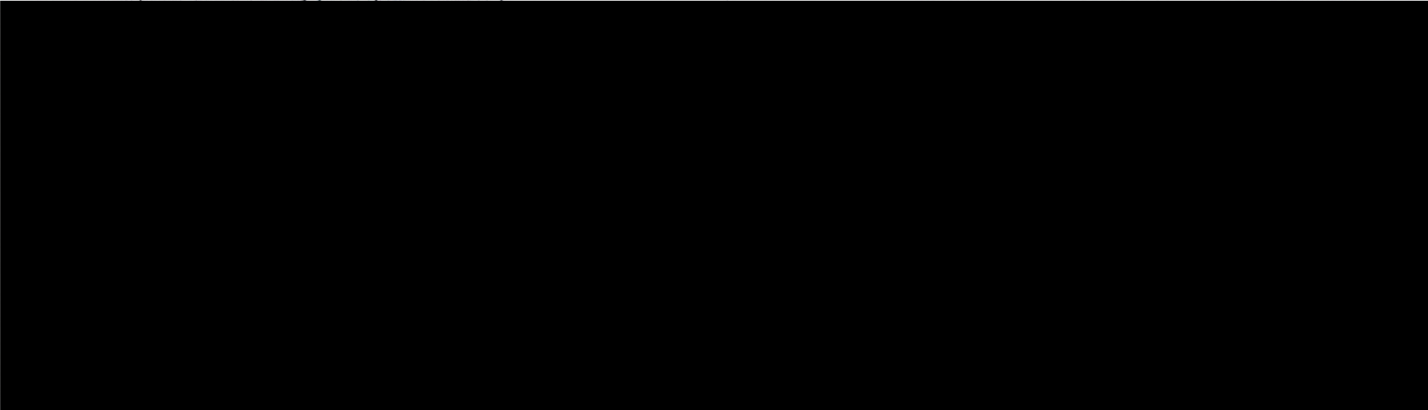
Name: L.A. TROPICALS (ACCOUNT # 321)
Address: 9919 SPRINGLAND DR
City: WHITTIER
State: CA Zip: 90601
Phone: 562.268.2914 Fax: _____
Contact: LETICIA PEREZ

Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: BAGGED PLANTS County and State of Origin: LOS ANGELES, CA
Additional Information: SITE: 9919 SPRINGDALE DR, WHITTIER

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Generator agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Generator, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").




(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 3 months, commencing 9/5/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE GENERATOR, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

SIGNATURE (AUTHORIZED REPRESENTATIVE)
LETICIA PEREZ MANAGER
NAME AND TITLE (PLEASE PRINT)
9/5/18
DATE

REPUBLIC SERVICES, INC/COM *Edward Antolin*
SIGNATURE (AUTHORIZED REPRESENTATIVE)
EDWARD ANTOLIN MESE
NAME AND TITLE (PLEASE PRINT)
9/6/18
DATE

Terms and Conditions of Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
8. **Rights of Refusal/Rejection.** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
11. **Termination.** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not hereafter be canceled, be permitted to expire or lapse, or be changed without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:
 - (A) A petition for reorganization or bankruptcy filed by or against the Generator.
 - (B) Failure by Generator to pay any amounts due to Company.
 - (C) Any breach by Generator of any of its obligations pursuant to the Agreement.

Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous.**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Generator.
21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.
22. **Liquidated Damages.** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

GENERATOR: _____

LP

Republic Services, Inc/COMPANY: _____

Edward Antolin

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 51231814900	Expiration Date 12/6/2018	
I. Decision Request:	<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change		
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: YI BAO PRODUCE GROUP INC			
Generator Site Address: 3015 LEONIS BLVD			
City: VERNON	County:	State: CA	Zip:
Name of Waste: FOOD PRODUCTS-LYCHEE			
Estimated Annual Volume: 2,400 Pounds			

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

This material must be buried immediately upon receipt at the landfill.

Special Waste Analyst Signature: Holly M. Wilson
Date: 9/6/2018

Name (Printed): Holly Wilson

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: [Signature]
Date: 9/6/2018

Name (Printed): Chris Coffey



EXPRESS WASTE PROFILE

Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

Waste Profile #
5123 18 14900
Sales Rep #.

I. Generator Information

Generator Name: YI BAO PRODUCE GROUP INC			
Generator Site Address: 3015 LEONIS BLVD			
City: VERNON	County:	State: California	Zip: 90058
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS #.
Generator Mailing Address (if different): 3015 LEONIS BLVD			
City: VERNON	County:	State: California	Zip: 90058
Generator Contact Name: JOHN SHAO		Email: john@yipaoinc.com	
Phone Number: (323) 826-9928	Ext:	Fax Number:	

II. Billing Information

Bill To: YI BAO PRODUCE GROUP INC	Contact Name: JOHN SHAO
Billing Address: 3015 LEONIS BLVD	Email:
City: VERNON	State: CA
Zip: 90058	Phone: (323) 826-9928

III. Waste Stream Information

Name of Waste: <small>(Petroleum products-applies only to contaminated media and debris).</small>	<input type="checkbox"/> Diesel Fuel	<input type="checkbox"/> Weathered Wood	<input type="checkbox"/> Friable Asbestos
	<input type="checkbox"/> Home Heating Fuel #1-6	<input type="checkbox"/> RCRA Empty Containers	<input type="checkbox"/> Non Friable Asbestos
	<input type="checkbox"/> Kerosene	<input type="checkbox"/> Treated Medical Waste	<input type="checkbox"/> Cured Asphalt
	<input type="checkbox"/> Aviation Fuel	<input type="checkbox"/> Animal Carcass (non infectious)	<input type="checkbox"/> Tires
	<input type="checkbox"/> Hydraulic Fluid	<input type="checkbox"/> Plant Trash	<input checked="" type="checkbox"/> Food Products <small>(Including Animal Food)</small>
	<input type="checkbox"/> Unleaded Gasoline (UST Corrective Action)	<input type="checkbox"/> Meth Contaminated Debris	

Process Generating Waste: **LYCHEE INFESTED PESTS, TOTAL OF 161 CASE (EACH CASE 14 LBS) PUT IN TO THE TRASH BAG *approx 33 TO 41 BAGS TOTAL.**

Method of Shipment: <input type="checkbox"/> BULK <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume: <u>2,400</u> Pounds
Frequency: <input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

JOHN SHAO / OFFICE MANAGER	YI BAO PRODUCE GROUP INC
Authorized Representative Name/Title (Type or Print)	Company Name
	09/06/18
Authorized Representative Signature	Date



SPECIAL WASTE SERVICE AGREEMENT
NON-HAZARDOUS WASTES

Special Waste Profile Number: 51231814900

Generator Billing Information

Name: YI BAO PRODUCE GROUP INC (ACCOUNT # 321)
Address: 3015 LEONIS BLVD
City: VERNON
State: CA Zip: 90058
Phone: 323.826.9928 Fax:
Contact: JOHN SHAO

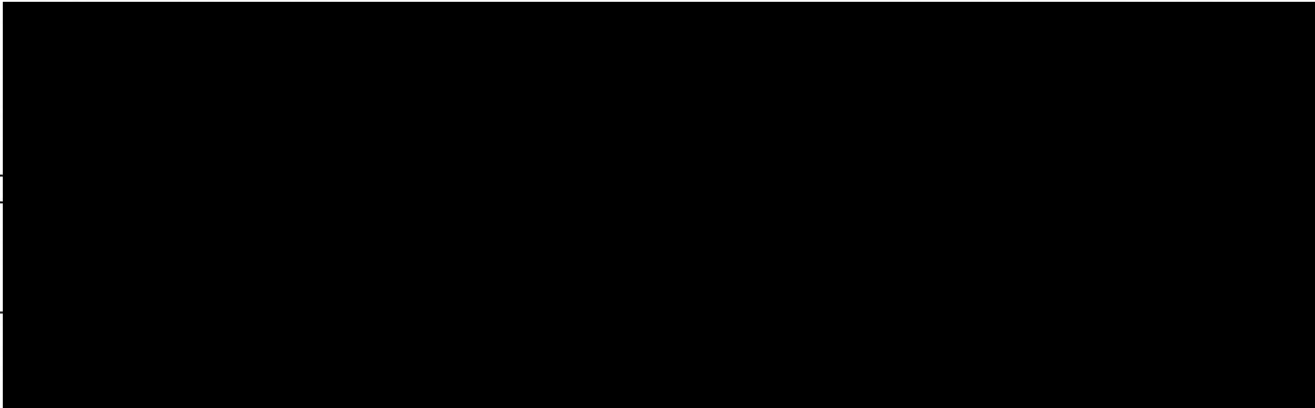
Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: FOOD PRODUCTS-BAGGED LYCHEE County and State of Origin: LOS ANGELES, CA

Additional Information: SITE: 3015 LEONIS BLVD, VERNON

- 1. Special Waste Service. Subject to the terms and conditions contained herein, the Company and the Generator agree to be legally bound hereby...
2. Acceptable Waste. Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above...



(B) Incorporation by Reference. In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
2) N/A

4. Term of Agreement. This Agreement is effective for 3 months, commencing 9/7/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE GENERATOR, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

SIGNATURE (AUTHORIZED REPRESENTATIVE) [Signature]
NAME AND TITLE (PLEASE PRINT) John Shao / Office Manager
DATE 9/7/18

REPUBLIC SERVICES, INC/COMPANY

SIGNATURE (AUTHORIZED REPRESENTATIVE) [Signature]
NAME AND TITLE (PLEASE PRINT) EDWARD ANTOLIN MESE
DATE 9/12/18

Terms and Conditions of Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
8. **Rights of Refusal/Rejection.** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
11. **Termination.** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire or lapse, or be changed without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:
 - (A) A petition for reorganization or bankruptcy filed by or against the Generator.
 - (B) Failure by Generator to pay any amounts due to Company.
 - (C) Any breach by Generator of any of its obligations pursuant to the Agreement.

Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous.**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Generator.

21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages.** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

GENERATOR: _____

JS

Republic Services, Inc/COMPANY: _____

Edward Antolin

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 51231816043	Expiration Date 5/7/2019	
I. Decision Request:	<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change		
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: SOUTHERN CALIFORNIA EDISON			
Generator Site Address: FERNWOOD AVE AND COURT ST			
City: LYNWOOD	County:	State: CA	Zip:
Name of Waste: NON HAZ SOIL AND CONCRETE			
Estimated Annual Volume: 15 Tons			

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: Joseph M. Sorokach
Date: 9/25/2018

Name (Printed): Joseph Sorokach

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: Chris Coyne
Date: 9/25/2018

Name (Printed): Chris Coyne



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile # 5123 18 16043

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Sales Rep #:

I. Generator Information

Generator Name: Southern California Edison			
Generator Site Address: FERNWOOD AVE.AND COURT ST.			
City: Lynwood	County: LA	State: California	Zip: 90262
State ID/Reg No: NA	State Approval/Waste Code: NA (if applicable)		NAICS # : NA
Generator Mailing Address (if different): <input checked="" type="checkbox"/> Po Box 700			
City: Rosemead	County: LA	State: California	Zip: 91770
Generator Contact Name: Ryan Castillo		Email: ryan.castillo@sce.com	
Phone Number: (626) 656-0453	Ext:	Fax Number:	

II. Billing Information

Bill To: Roberson Waite Electric		Contact Name: James Waite	
Billing Address: 16512 Burke Ln		Email: james@roberson-waite.com	
City: Huntington Beach	State: CA	Zip: 92647	Phone: (714) 698-0930

III. Waste Stream Information

Name of Waste: Non-hazardous soil and concrete	
Process Generating Waste: Replacing electrical equipment from a substation. Generating site is a substation, which functions as critical infrastructure for the electrical grid.	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	15 Tons
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample:	<input type="checkbox"/> COMPOSITE SAMPLE <input checked="" type="checkbox"/> GRAB SAMPLE
Sample Date: 4/23/18	
Sample ID Numbers: HA1-0.5', HA1-2.0', HA2-0.5', HA2-2.0', HA3-0.5', HA3-2.0', HA4-0.5', HA4-2.0', HA5-0.5', HA5-2.0', HA6-0.5', C1, C2, C3, C4 Note that HA7-0.5' will not be sent to Sunshine Canyon.	

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. Soil		85			
2. Concrete		15			
3.					
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
Normal	None	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100	NA	NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Ryan Castillo, Program Mgr

SCE

Authorized Representative Name And Title (Type or Print)

Company Name



9/25/18

Authorized Representative Signature

Date



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Number of Pages 48
Date Received 04/23/2018
Date Reported 05/07/2018

Telephone: (909)274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
92387	04/23/2018	SCE

Project ID: IO# 339964
Project Name: Lynwood Substation
Site: Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Enclosed please find results of analyses of 12 soil and 12 concrete samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.
 2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD
 105929

Page 1 of 3

AETL JOB No. 92387

COMPANY Northgate for SCE PROJECT MANAGER Ryan Castillo / Soni Fisher / Northgate
 COMPANY ADDRESS 24411 Ridge Route Dr., Laguna Hills PHONE (949) 310-6024 FAX _____
 PROJECT NAME Lynwood Substation PROJECT # 10#339964 SAP # 90216252 PO # _____
 SITE NAME AND ADDRESS Lynwood Substation
Fernwood Ave. and Court St., Lynwood

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							PCBS-EPA 8082	TPH-EPA 8015	VOCs-EPA 8210	
1	HA1-0.5'	4/23/18	0750	soil	1/8oz jar	Ice	X	X	X	Analyze for VOCs only if TPH detected, then only on sample with highest TPH. HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD HOLD
2	HA1-2.0'		0755				X	X	X	
3	HA1-3.0'		0800				X	X	X	
4	HA1-5.0'		0810				X	X	X	
5	HA2-0.5'		0815				X	X	X	
6	HA2-2.0'		0820				X	X	X	
7	HA2-3.0'		0825				X	X	X	
8	HA3-0.5'		0840				X	X	X	
9	HA3-2.0'		0845				X	X	X	
10	HA3-3.0'		0850				X	X	X	
11	HA3-5.0'		0900				X	X	X	
12	HA4-0.5'		0910				X	X	X	
13	HA4-2.0'		0915				X	X	X	
14	HA4-3.0'		0920				X	X	X	
15	HA4-5.0'		0930				X	X	X	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS 15 PROPERLY COOLED Y/N/NA _____
 CUSTODY SEALS Y/N/NA _____ SAMPLES INTACT Y/N/NA _____
 RECEIVED IN GOOD COND. Y/N SAMPLES ACCEPTED Y/N _____

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY
5 day 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF
 GEOTRACKER (GLOBAL ID) _____
 OTHER (PLEASE SPECIFY) _____

1. RELINQUISHED BY: SAMPLER: Signature: Lem Printed Name: CEM KAMALI Date: 4/23/18 Time: 1500
2. RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 1. Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: 2. Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: 3. Signature: _____ Printed Name: _____ Date: 4/23/18 Time: 1815
 LABORATORY: MAETL

Printed Name: Ryan Castillo Date: 4/23/18 Time: 1815
 Signature: _____ Printed Name: _____ Date: _____ Time: _____

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

105927

92387

Page 2 of 3

COMPANY: Northgate for SCE
 COMPANY ADDRESS: 24411 Ridge Route Dr., Laguna Hills
 PROJECT NAME: Lynwood Substation
 SITE NAME AND ADDRESS: Lynwood Substation, Fernwood Ave & Court St., Lynwood

PROJECT MANAGER: Ryan Castillo/SCE
 Soni Fisher/Northgate
 PHONE: (949) 310-6024
 PROJECT # 701339964
 SAP # 90216252
 PO #

AETL JOB No. 92387

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							PCB-EPA8082	TPH-EPA8015B	VOCs-EPA821CB	
HA5-0.5'	92387-16	4/23/18	0940	Soil	1/80E Jar	ICE	X	X	X	POL for PCBs soil = 0.7mg/kg POL for PCBs conc = 1.0 mg/kg Analyze for VOCs only If TPH detected, then only on sample with highest TPH. HELD HELD
HA5-2.0'	92387-17		0945				X	X	X	
HA5-3.0'	92387-18		0950				X	X	X	
HA5-5.0'	92387-19		1000				X	X	X	
HA6-0.5'	92387-20		1010				X	X	X	
HA7-0.5'	92387-21		1040				X	X	X	
C1	92387-22		1150	Concrete	1/40E Jar		X	X	X	
C2	92387-23		1200				X	X	X	
C3	92387-24		1205				X	X	X	
C4	92387-25		1310				X	X	X	
C5	92387-26		1320				X	X	X	
C6	92387-27		1335				X	X	X	
C7	92387-28		1225				X	X	X	
C8	92387-29		1235				X	X	X	
C9	92387-30		1245				X	X	X	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 15
 CUSTODY SEALS: Y/N/NA
 RECEIVED IN GOOD COND: Y/N

TURN AROUND TIME
 NORMAL
 RUSH
 SAME DAY
 NEXT DAY
 2 DAYS
 3 DAYS
 5 day

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY)

RELINQUISHED BY SAMPLER:
 Signature: Lem
 Printed Name: CEM KAMALI
 Date: 4/23/18 Time: 1500

RELINQUISHED BY:
 Signature: [Signature]
 Printed Name: [Name]
 Date: 4/23/18 Time: 1815

RECEIVED BY:
 Signature: [Signature]
 Printed Name: [Name]
 Date: 4/23/18 Time: 1815

LABORATORY: AETL

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

105928

AETL JOB No. **92387** Page **3** of **3**

COMPANY **Northgate for SCE** PROJECT MANAGER **Bryan Castillo/SCE**
 COMPANY ADDRESS **24411 Ridge Route Dr., Laguna Hills** PHONE **(949) 310-6024**
 PROJECT NAME **Lynwood Substation** FAX _____
 PROJECT # **30# 339964**
 SAG # **902162521** PO # _____

SITE NAME AND ADDRESS **Lynwood Substation**
Fernwood Ave. and Court St., Lynwood

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	C10	4/23/18	1250	concrete	1/40 Jar	ICE
2	C11	↓	1400	↓	↓	↓
3	C12	↓	1300	↓	↓	↓
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
PEBS-EPA 8082	POL for concrete PEB=1.0mg Analyze for VOCs only if TPH detected, then only on sample with highest TPH
TPH-EPA 8015B	
VOCs-EPA 8260B	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS **3** PROPERLY COOLED Y / N / NA

CUSTODY SEALS Y / N / NA SAMPLES INTACT Y / N / NA

RECEIVED IN GOOD COND. Y / N SAMPLES ACCEPTED Y / N

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY
 2 DAYS 3 DAYS
5 day

DATA DELIVERABLE REQUIRED
 HARD COPY
 PDF
 GEOTRACKER (GLOBAL ID)
 OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: Signature: *Lem* Printed Name: **CEMKAMALI** Date: **4/23/18** Time: **1500**

RELINQUISHED BY: Signature: _____ Printed Name: _____ Date: _____ Time: _____

RECEIVED BY: Signature: _____ Printed Name: _____ Date: **4/23/18** Time: **1515**

RECEIVED BY LABORATORY: Signature: _____ Printed Name: **Jean Claude** Date: **4/23/18** Time: **1815**

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: <u>SCE</u>			
Project Name: <u>Lynwood Substation</u>			
AETL Job Number: <u>92387</u>			
Date Received: <u>04/23/18</u>		Received by: <u>Jean Claude</u>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u>1</u>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <u>7.5°C</u> , No 2: _____, No 3: _____			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify):			
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
<input checked="" type="checkbox"/> None, <u>HNO₃</u> , <u>NaOH</u> , <u>ZnOAc</u> , <u>HCl</u> , <u>Na₂S₂O₃</u> , <u>MeOH</u>			
Other (Specify):			
	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	X		
2. Are the Sample labels legible?	X		
3. Do samples match the COC?	X		
4. Are the required analyses clear?	X		
5. Is there enough samples for required analysis?	X		
6. Are samples sealed with evidence tape?	NA		
7. Are sample containers in good condition?	X		
8. Are samples preserved?	X		
9. Are samples preserved properly for the intended analysis?	X		
10. Are the VOAs free of headspace?	NA		
11. Are the jars free of headspace?	↓		

Explain all "No" answers for above questions:

CYRUS RAZMARA

From: Cem Kamali [cem.kamali@ngem.com]
Sent: Monday, April 30, 2018 5:43 PM
To: CYRUS RAZMARA
Cc: Christine Brendle; Joni Fisher; Nancy Hendrickson; Ryan Castillo; Scott Hawes
Subject: Re: Results of analysis, AETL Job No.: 92387 (In New Summary Table and PDF formats) of 12 soil and 12 concrete samples from "Lynwood Substation, IO# 339964, SAP # 902162521"

Hello Cyrus,

As a follow up to my earlier request for additional analyses, please use a 3 day TAT for us to meet the report deadline of 5/4.

Sincerely,

Cem

On Mon, Apr 30, 2018 at 4:24 PM, CYRUS RAZMARA <cyrus@aetlab.com> wrote:

Hello Ryan, Christine, Joni, Scott and Cem,

Herewith please find results of analysis (In New Summary Table and PDF formats) of 12 soil and 12 concrete samples from "Lynwood Substation, IO# 339964, SAP # 902162521" which were received on 04/23/2018 at 18:15.

AETL Job No: 92387.

Please note that the following samples need **STLC As** analysis.

HA2-0.5' (92387.05) and HA3-0.5' (92387.08)

Please note that the following samples need **STLC Pb** analysis.

HA2-0.5' (92387.05) and HA7-0.5' (92387.21)

Please note that the following samples need **TCLP Pb** analysis.

HA2-0.5' (92387.05) and HA7-0.5' (92387.21)

Please note that the following sample needs **VOC analysis**.

HA7-0.5' (92387.21)

If you have any questions, please call me at 888-288-AETL.

Cyrus Razmara Ph.D.

CEO & Laboratory Director

American Environmental Testing Laboratory



--

Cem Kamali, PG

Northgate Environmental Management, Inc.

24411 Ridge Route Drive, Suite 130

Laguna Hills, California 92653

Cell: (714) 651-7336

Tel: (949) 716-0050

Fax: (949) 203-1555

CYRUS RAZMARA

From: Cem Kamali [cem.kamali@ngem.com]
Sent: Monday, April 30, 2018 5:32 PM
To: CYRUS RAZMARA
Cc: Christine Brendle; Joni Fisher; Nancy Hendrickson; Ryan Castillo; Scott Hawes
Subject: Re: Results of analysis, AETL Job No.: 92387 (In New Summary Table and PDF formats) of 12 soil and 12 concrete samples from "Lynwood Substation, IO# 339964, SAP # 902162521"

Hello Cyrus,

Thank you for the results, and please go ahead with the additional STLC and TCLP analyses for arsenic and lead, and VOCs as recommended in you email except STLC lead on sample HA2-0.5'. Lead concentration in this sample already exceeded the TTLC level of 1,000 mg/kg and may not need an additional STLC analysis for determination of non-RCRA hazardous waste.

Thank you,

Cem

On Mon, Apr 30, 2018 at 4:24 PM, CYRUS RAZMARA <cyrus@aetlab.com> wrote:

Hello Ryan, Christine, Joni, Scott and Cem,

Herewith please find results of analysis (In New Summary Table and PDF formats) of 12 soil and 12 concrete samples from "Lynwood Substation, IO# 339964, SAP # 902162521" which were received on 04/23/2018 at 18:15.

AETL Job No: 92387.

Please note that the following samples need **STLC As** analysis.

HA2-0.5' (92387.05) and HA3-0.5' (92387.08)

Please note that the following samples need **STLC Pb** analysis.

HA2-0.5' (92387.05) and HA7-0.5' (92387.21)

Please note that the following samples need **TCLP Pb** analysis.

HA2-0.5' (92387.05) and HA7-0.5' (92387.21)

Please note that the following sample needs **VOC analysis**.

HA7-0.5' (92387.21)

If you have any questions, please call me at 888-288-AETL.

Cyrus Razmara Ph.D.

CEO & Laboratory Director

American Environmental Testing Laboratory



--

Cem Kamali, PG

Northgate Environmental Management, Inc.

24411 Ridge Route Drive, Suite 130

Laguna Hills, California 92653

Cell: (714) 651-7336

Tel: (949) 716-0050

Fax: (949) 203-1555



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 A

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 339964
Date Received 04/23/2018
Date Reported 04/30/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
92387	04/23/2018	SCE

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 33 samples with the following specification on 04/23/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity	Of Containers
92387.01	HA1-0.5'	04/23/2018	Soil	1	
92387.02	HA1-2.0'	04/23/2018	Soil	1	
92387.06	HA2-2.0'	04/23/2018	Soil	1	
92387.09	HA3-2.0'	04/23/2018	Soil	1	
92387.12	HA4-0.5'	04/23/2018	Soil	1	
92387.13	HA4-2.0'	04/23/2018	Soil	1	
92387.16	HA5-0.5'	04/23/2018	Soil	1	
92387.17	HA5-2.0'	04/23/2018	Soil	1	
92387.20	HA6-0.5'	04/23/2018	Soil	1	
Method	Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM)	^ SCE	04/30/2018	2	Normal	mg/Kg
(8082)	^ SCE-0.7PPM	04/30/2018	2	Normal	mg/Kg
(M8015D)	^ SCE-C13C40	04/30/2018	2	Normal	mg/Kg
(M8015G)	^ SCE-C4-C12	04/30/2018	2	Normal	mg/Kg
92387.03	HA1-3.0'	04/23/2018	Soil	1	
92387.04	HA1-5.0'	04/23/2018	Soil	1	
92387.07	HA2-3.0'	04/23/2018	Soil	1	
92387.10	HA3-3.0'	04/23/2018	Soil	1	
92387.11	HA3-5.0'	04/23/2018	Soil	1	
92387.14	HA4-3.0'	04/23/2018	Soil	1	
92387.15	HA4-5.0'	04/23/2018	Soil	1	
92387.18	HA5-3.0'	04/23/2018	Soil	1	
92387.19	HA5-5.0'	04/23/2018	Soil	1	
Method	Submethod	Req Date	Priority	TAT	Units
ARCHIVE		04/30/2018	2	Normal	--

Continued



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 B

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 339964
Date Received 04/23/2018
Date Reported 04/30/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
92387	04/23/2018	SCE

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
92387.05	HA2-0.5'	04/23/2018	Soil	1
92387.08	HA3-0.5'	04/23/2018	Soil	1
	Method ^ Submethod	Req Date	Priority	TAT
	(6010B-STLC) ^ SCE-AS	04/30/2018	2	Normal
	(6010B/7000CAM) ^ SCE	04/30/2018	2	Normal
	(8082) ^ SCE-0.7PPM	04/30/2018	2	Normal
	(M8015D) ^ SCE-C13C40	04/30/2018	2	Normal
	(M8015G) ^ SCE-C4-C12	04/30/2018	2	Normal
92387.21	HA7-0.5'	04/23/2018	Soil	1
	Method ^ Submethod	Req Date	Priority	TAT
	(6010/7000TCLP) ^ SCE-PB	04/30/2018	2	Normal
	(6010B-STLC) ^ SCE-PB	04/30/2018	2	Normal
	(6010B/7000CAM) ^ SCE	04/30/2018	2	Normal
	(8082) ^ SCE-0.7PPM	04/30/2018	2	Normal
	(8260B) ^ SCE	04/30/2018	2	Normal
	(M8015D) ^ SCE-C13C40	04/30/2018	2	Normal
	(M8015G) ^ SCE-C4-C12	04/30/2018	2	Normal
	Method ^ Submethod	Req Date	Priority	TAT
	(8082) ^ SCE-1PPM	04/30/2018	2	Normal
92387.25	C4	04/23/2018	Solid	1
Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
92387.22	C1	04/23/2018	Solid	1
92387.23	C2	04/23/2018	Solid	1
92387.24	C3	04/23/2018	Solid	1
92387.28	C7	04/23/2018	Solid	1
92387.29	C8	04/23/2018	Solid	1
92387.30	C9	04/23/2018	Solid	1
92387.31	C10	04/23/2018	Solid	1
92387.33	C12	04/23/2018	Solid	1

Continued



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 C

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 339964
Date Received 04/23/2018
Date Reported 04/30/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
92387	04/23/2018	SCE

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

92387.26	C5	04/23/2018	Solid		1
92387.27	C6	04/23/2018	Solid		1
	Method ^ Submethod	Req Date	Priority	TAT	Units
	(8082) ^ SCE-1PPM	04/30/2018	2	Normal	mg/Kg
	(M8015D) ^ SCE-C13C40	04/30/2018	2	Normal	mg/Kg
	(M8015G) ^ SCE-C4-C12	04/30/2018	2	Normal	mg/Kg
92387.32	C11	04/23/2018	Solid		1
	Method ^ Submethod	Req Date	Priority	TAT	Units
	(8082) ^ SCE-1PPM	04/30/2018	2	Normal	mg/Kg
	(8260B) ^ SCE	04/30/2018	2	Normal	mg/Kg
	(M8015D) ^ SCE-C13C40	04/30/2018	2	Normal	mg/Kg
	(M8015G) ^ SCE-C4-C12	04/30/2018	2	Normal	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Initial analysis of sample HA2-0.5' (92387.05) indicated a total lead concentration of 3,350 mg/Kg., therefore an STLC and TCLP analysis for this sample was initiated. As the STLC and TCLP analysis results were less than 1 mg/L, it was decided that the total lead concentration need to be re-analyzed. Analyses of six replicate samples produced an average concentration of 26.8 mg/Kg. Therefore it is concluded that the result of the first analysis must be an outlier and does not represent the average concentration of lead in the sample.

Therefore the total lead concentration in sample HA2-0.5' (92387.05) has been revised to 26.8 mg/Kg, and no STLC or TCLP is required.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 2

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 042418OB1S

Our Lab I.D.		Method Blank	92387.01	92387.02	92387.05	92387.06	
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		5030	5030	5030	5030	5030	
Date Analyzed		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	10.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	92387.01	92387.02	92387.05	92387.06	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.	
Bromofluorobenzene	75-125	89.4	92.4	92.2	95.4	94.2	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 3

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 042418 B1S

Our Lab I.D.		92387.08	92387.09	92387.12	92387.13	92387.16	
Client Sample I.D.		HA3-0.5'	HA3-2.0'	HA4-0.5'	HA4-2.0'	HA5-0.5'	
Date Sampled		04/23/2018	04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		5030	5030	5030	5030	5030	
Date Analyzed		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	10.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.		92387.08	92387.09	92387.12	92387.13	92387.16	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.	
Bromofluorobenzene	75-125	91.0	93.6	92.8	93.2	93.6	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 4

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 04241, B1S

Our Lab I.D.		92387.17	92387.20	92387.21		
Client Sample I.D.		HA5-2.0'	HA6-0.5'	HA7-0.5'		
Date Sampled		04/23/2018	04/23/2018	04/23/2018		
Date Prepared		04/24/2018	04/24/2018	04/24/2018		
Preparation Method		5030	5030	5030		
Date Analyzed		04/24/2018	04/25/2018	04/25/2018		
Matrix		Soil	Soil	Soil		
Units		mg/Kg	mg/Kg	mg/Kg		
Dilution Factor		1	1	1		
Analytes	MDL	PQL	Results	Results	Results	
TPH as Gasoline and Light HC. (C4-C12)	10.0	10.0	ND	ND	ND	
Our Lab I.D.		92387.17	92387.20	92387.21		
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.		
Bromofluorobenzene	75-125	90.8	92.4	93.6		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 5

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 042418OB1

Our Lab I.D.		Method Blank	92387.25	92387.26	92387.27	92387.32	
Client Sample I.D.			C4	C5	C6	C11	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		5030	5030	5030	5030	5030	
Date Analyzed		04/24/2018	04/25/2018	04/25/2018	04/25/2018	04/25/2018	
Matrix		Solid	Solid	Solid	Solid	Solid	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	10.0	10.0	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	92387.25	92387.26	92387.27	92387.32	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.	
Bromofluorobenzene	75-125	89.4	100	97.6	99.6	97.0	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 6

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 042418PB1S

Our Lab I.D.		Method Blank	92387.01	92387.02	92387.05	92387.06	
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	10.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	100	100	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	100	100	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	92387.01	92387.02	92387.05	92387.06	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		95.4	102	96.8	89.9	98.4



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 7

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 042418PB1S

Our Lab I.D.			92387.08	92387.09	92387.12	92387.13	92387.16
Client Sample I.D.			HA3-0.5'	HA3-2.0'	HA4-0.5'	HA4-2.0'	HA5-0.5'
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	04/23/2018
Date Prepared			04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	10.0	10.0	ND	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	100	100	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	100	100	ND	ND	ND	ND	ND
Our Lab I.D.			92387.08	92387.09	92387.12	92387.13	92387.16
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		91.6	96.3	89.6	89.6	89.7



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 8

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 04241 PB1S

Our Lab I.D.			92387.17	92387.20	92387.21		
Client Sample I.D.			HA5-2.0'	HA6-0.5'	HA7-0.5'		
Date Sampled			04/23/2018	04/23/2018	04/23/2018		
Date Prepared			04/24/2018	04/24/2018	04/24/2018		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			04/24/2018	04/24/2018	04/24/2018		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Diesel (C13-C22)	10.0	10.0	ND	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	100	100	ND	ND	155		
TPH Total as Diesel and Heavy HC.C13-C40	100	100	ND	ND	162		
Our Lab I.D.			92387.17	92387.20	92387.21		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Chlorobenzene	75-125		88.6	91.2	91.8		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 9

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 042418PB1

Our Lab I.D.		Method Blank	92387.25	92387.26	92387.27	92387.32	
Client Sample I.D.			C4	C5	C6	C11	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		04/24/2018	04/24/2018	04/24/2018	04/25/2018	04/25/2018	
Matrix		Solid	Solid	Solid	Solid	Solid	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
TPH as Diesel (C13-C22)	10.0	10.0	ND	ND	52.4	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	100	100	ND	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	100	100	ND	ND	105	ND	ND
Our Lab I.D.		Method Blank	92387.25	92387.26	92387.27	92387.32	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Chlorobenzene	75-125		95.4	103	99.2	96.5	99.9



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 10

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418ZB1

Our Lab I.D.		Method Blank	92387.01	92387.02	92387.05	92387.06	
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	0.70	0.70	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	92387.01	92387.02	92387.05	92387.06	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150		141	118	116	114	125
Tetrachloro-m-xylene	30-150		104	78.6	71.6	70.8	69.8



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 11

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418ZB1

Our Lab I.D.			92387.08	92387.09	92387.12	92387.13	92387.16
Client Sample I.D.			HA3-0.5'	HA3-2.0'	HA4-0.5'	HA4-2.0'	HA5-0.5'
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	04/23/2018
Date Prepared			04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/25/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	0.70	0.70	ND	ND	ND	ND	ND
Our Lab I.D.			92387.08	92387.09	92387.12	92387.13	92387.16
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150		132	143	129	138	143
Tetrachloro-m-xylene	30-150		97.2	104	95.0	129	112



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 12

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042-8ZB1

Our Lab I.D.			92387.17	92387.20	92387.21		
Client Sample I.D.			HA5-2.0'	HA6-0.5'	HA7-0.5'		
Date Sampled			04/23/2018	04/23/2018	04/23/2018		
Date Prepared			04/24/2018	04/24/2018	04/24/2018		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			04/25/2018	04/25/2018	04/25/2018		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
Aroclor-1016 (PCB-1016)	0.70	0.70	ND	ND	ND		
Aroclor-1221 (PCB-1221)	0.70	0.70	ND	ND	ND		
Aroclor-1232 (PCB-1232)	0.70	0.70	ND	ND	ND		
Aroclor-1242 (PCB-1242)	0.70	0.70	ND	ND	ND		
Aroclor-1248 (PCB-1248)	0.70	0.70	ND	ND	ND		
Aroclor-1254 (PCB-1254)	0.70	0.70	ND	ND	ND		
Aroclor-1260 (PCB-1260)	0.70	0.70	ND	ND	ND		
Aroclor-1262 (PCB-1262)	0.70	0.70	ND	ND	ND		
Aroclor-1268 (PCB-1268)	0.70	0.70	ND	ND	ND		
Our Lab I.D.			92387.17	92387.20	92387.21		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Decachlorobiphenyl	30-150		142	137	98.4		
Tetrachloro-m-xylene	30-150		125	103	83.6		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 13

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418ZB1C

Our Lab I.D.		Method Blank	92387.22	92387.23	92387.24	92387.25	
Client Sample I.D.			C1	C2	C3	C4	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		04/25/2018	04/25/2018	04/25/2018	04/25/2018	04/25/2018	
Matrix		Solid	Solid	Solid	Solid	Solid	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	1.0	1.0	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	92387.22	92387.23	92387.24	92387.25	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150		141	134	118	117	121
Tetrachloro-m-xylene	30-150		104	89.4	100	79.2	75.0



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 14

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418-2

Our Lab I.D.		Method Blank	92387.26	92387.27	92387.28	92387.29	
Client Sample I.D.			C5	C6	C7	C8	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/24/2018	04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		04/26/2018	04/25/2018	04/25/2018	04/25/2018	04/25/2018	
Matrix		Solid	Solid	Solid	Solid	Solid	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	1.0	1.0	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	1.0	1.0	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	92387.26	92387.27	92387.28	92387.29	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.	
Decachlorobiphenyl	30-150	134	112	123	102	120	
Tetrachloro-m-xylene	30-150	104	69.4	67.6	92.7	90.6	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 15

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418-2

Our Lab I.D.			92387.30	92387.31	92387.32	92387.33	
Client Sample I.D.			C9	C10	C11	C12	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared			04/24/2018	04/24/2018	04/24/2018	04/24/2018	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			04/26/2018	04/26/2018	04/26/2018	04/26/2018	
Matrix			Solid	Solid	Solid	Solid	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Aroclor-1016 (PCB-1016)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1221 (PCB-1221)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1232 (PCB-1232)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1242 (PCB-1242)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1248 (PCB-1248)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1254 (PCB-1254)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1260 (PCB-1260)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1262 (PCB-1262)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1268 (PCB-1268)	1.0	1.0	ND	ND	ND	ND	
Our Lab I.D.			92387.30	92387.31	92387.32	92387.33	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Decachlorobiphenyl	30-150		128	141	124	120	
Tetrachloro-m-xylene	30-150		100	111	97.6	76.9	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 16

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0501182A1

Our Lab I.D.			Method Blank	92387.21		
Client Sample I.D.				HA7-0.5'		
Date Sampled				04/23/2018		
Date Prepared			05/01/2018	05/01/2018		
Preparation Method			5030	5030		
Date Analyzed			05/01/2018	05/01/2018		
Matrix			Soil	Soil		
Units			mg/Kg	mg/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Acetone	0.025	0.025	ND	ND		
Benzene	0.001	0.001	ND	ND		
Bromobenzene (Phenyl bromide)	0.005	0.005	ND	ND		
Bromochloromethane	0.005	0.005	ND	ND		
Bromodichloromethane	0.005	0.005	ND	ND		
Bromoform (Tribromomethane)	0.025	0.025	ND	ND		
Bromomethane (Methyl bromide)	0.015	0.015	ND	ND		
2-Butanone (MEK)	0.025	0.025	ND	ND		
n-Butylbenzene	0.005	0.005	ND	ND		
sec-Butylbenzene	0.005	0.005	ND	ND		
tert-Butylbenzene	0.005	0.005	ND	ND		
Carbon Disulfide	0.025	0.025	ND	ND		
Carbon tetrachloride	0.005	0.005	ND	ND		
Chlorobenzene	0.005	0.005	ND	ND		
Chloroethane	0.015	0.015	ND	ND		
2-Chloroethyl vinyl ether	0.050	0.050	ND	ND		
Chloroform (Trichloromethane)	0.005	0.005	ND	ND		
Chloromethane (Methyl chloride)	0.015	0.015	ND	ND		
2-Chlorotoluene	0.005	0.005	ND	ND		
4-Chlorotoluene	0.005	0.005	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	0.005	0.005	ND	ND		
Dibromochloromethane	0.005	0.005	ND	ND		
1,2-Dibromoethane (EDB)	0.005	0.005	ND	ND		
Dibromomethane	0.005	0.005	ND	ND		
1,2-Dichlorobenzene	0.005	0.005	ND	ND		
1,3-Dichlorobenzene	0.005	0.005	ND	ND		
1,4-Dichlorobenzene	0.005	0.005	ND	ND		
Dichlorodifluoromethane	0.015	0.015	ND	ND		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Page: 17

Project ID: IO# 339964
 Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0501182A1

Our Lab I.D.			Method Blank	92387.21			
Client Sample I.D.				HA7-0.5'			
Date Sampled				04/23/2018			
Date Prepared			05/01/2018	05/01/2018			
Preparation Method			5030	5030			
Date Analyzed			05/01/2018	05/01/2018			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
1,1-Dichloroethane	0.005	0.005	ND	ND			
1,2-Dichloroethane (EDC)	0.005	0.005	ND	ND			
1,1-Dichloroethene	0.005	0.005	ND	ND			
cis-1,2-Dichloroethene	0.005	0.005	ND	ND			
trans-1,2-Dichloroethene	0.005	0.005	ND	ND			
1,2-Dichloropropane	0.005	0.005	ND	ND			
1,3-Dichloropropane	0.005	0.005	ND	ND			
2,2-Dichloropropane	0.005	0.005	ND	ND			
1,1-Dichloropropene	0.005	0.005	ND	ND			
cis-1,3-Dichloropropene	0.005	0.005	ND	ND			
trans-1,3-Dichloropropene	0.005	0.005	ND	ND			
Ethylbenzene	0.001	0.001	ND	ND			
Hexachlorobutadiene	0.015	0.015	ND	ND			
2-Hexanone	0.025	0.025	ND	ND			
Iodomethane	0.005	0.005	ND	ND			
Isopropylbenzene	0.005	0.005	ND	ND			
p-Isopropyltoluene	0.005	0.005	ND	ND			
4-Methyl-2-pentanone (MIBK)	0.025	0.025	ND	ND			
Methyl-tert-butyl ether (MTBE)	0.002	0.002	ND	ND			
Methylene chloride (DCM)	0.025	0.025	ND	ND			
Naphthalene	0.005	0.005	ND	ND			
n-Propylbenzene	0.005	0.005	ND	ND			
Styrene	0.005	0.005	ND	ND			
1,1,1,2-Tetrachloroethane	0.005	0.005	ND	ND			
1,1,2,2-Tetrachloroethane	0.005	0.005	ND	ND			
Tetrachloroethene	0.002	0.002	ND	ND			
Toluene (Methyl benzene)	0.001	0.001	ND	ND			
1,2,3-Trichlorobenzene	0.005	0.005	ND	ND			
1,2,4-Trichlorobenzene	0.005	0.005	ND	ND			
1,1,1-Trichloroethane	0.005	0.005	ND	ND			
1,1,2-Trichloroethane	0.005	0.005	ND	ND			
Trichloroethene	0.0015	0.0015	ND	ND			
Trichlorofluoromethane	0.005	0.005	ND	ND			
1,2,3-Trichloropropane	0.001	0.001	ND	ND			



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Page: 18

Project ID: IO# 339964
 Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0501182A1

Our Lab I.D.			Method Blank	92387.21			
Client Sample I.D.				HA7-0.5'			
Date Sampled				04/23/2018			
Date Prepared			05/01/2018	05/01/2018			
Preparation Method			5030	5030			
Date Analyzed			05/01/2018	05/01/2018			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
1,2,4-Trimethylbenzene	0.005	0.005	ND	ND			
1,3,5-Trimethylbenzene	0.005	0.005	ND	ND			
Vinyl Acetate	0.025	0.025	ND	ND			
Vinyl chloride (Chloroethene)	0.005	0.005	ND	ND			
o-Xylene	0.001	0.001	ND	ND			
m,p-Xylenes	0.001	0.001	ND	ND			
Our Lab I.D.			Method Blank	92387.21			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		106	110			
Dibromofluoromethane	75-125		100	95.8			
Toluene-d8	75-125		102	104			



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 19

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0424182A2

Our Lab I.D.			Method Blank	92387.32		
Client Sample I.D.				C11		
Date Sampled				04/23/2018		
Date Prepared			04/24/2018	04/24/2018		
Preparation Method			5030	5030		
Date Analyzed			04/24/2018	04/25/2018		
Matrix			Solid	Solid		
Units			mg/Kg	mg/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Acetone	0.025	0.025	ND	ND		
Benzene	0.001	0.001	ND	ND		
Bromobenzene (Phenyl bromide)	0.005	0.005	ND	ND		
Bromochloromethane	0.005	0.005	ND	ND		
Bromodichloromethane	0.005	0.005	ND	ND		
Bromoform (Tribromomethane)	0.025	0.025	ND	ND		
Bromomethane (Methyl bromide)	0.015	0.015	ND	ND		
2-Butanone (MEK)	0.025	0.025	ND	ND		
n-Butylbenzene	0.005	0.005	ND	ND		
sec-Butylbenzene	0.005	0.005	ND	ND		
tert-Butylbenzene	0.005	0.005	ND	ND		
Carbon Disulfide	0.025	0.025	ND	ND		
Carbon tetrachloride	0.005	0.005	ND	ND		
Chlorobenzene	0.005	0.005	ND	ND		
Chloroethane	0.015	0.015	ND	ND		
2-Chloroethyl vinyl ether	0.050	0.050	ND	ND		
Chloroform (Trichloromethane)	0.005	0.005	ND	ND		
Chloromethane (Methyl chloride)	0.015	0.015	ND	ND		
2-Chlorotoluene	0.005	0.005	ND	ND		
4-Chlorotoluene	0.005	0.005	ND	ND		
1,2-Dibromo-3-chloropropane (DBCP)	0.005	0.005	ND	ND		
Dibromochloromethane	0.005	0.005	ND	ND		
1,2-Dibromoethane (EDB)	0.005	0.005	ND	ND		
Dibromomethane	0.005	0.005	ND	ND		
1,2-Dichlorobenzene	0.005	0.005	ND	ND		
1,3-Dichlorobenzene	0.005	0.005	ND	ND		
1,4-Dichlorobenzene	0.005	0.005	ND	ND		
Dichlorodifluoromethane	0.015	0.015	ND	ND		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Page: 20

Project ID: IO# 339964
 Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0424182A2

Our Lab I.D.		Method Blank	92387.32			
Client Sample I.D.			C11			
Date Sampled			04/23/2018			
Date Prepared		04/24/2018	04/24/2018			
Preparation Method		5030	5030			
Date Analyzed		04/24/2018	04/25/2018			
Matrix		Solid	Solid			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	MDL	PQL	Results	Results		
1,1-Dichloroethane	0.005	0.005	ND	ND		
1,2-Dichloroethane (EDC)	0.005	0.005	ND	ND		
1,1-Dichloroethene	0.005	0.005	ND	ND		
cis-1,2-Dichloroethene	0.005	0.005	ND	ND		
trans-1,2-Dichloroethene	0.005	0.005	ND	ND		
1,2-Dichloropropane	0.005	0.005	ND	ND		
1,3-Dichloropropane	0.005	0.005	ND	ND		
2,2-Dichloropropane	0.005	0.005	ND	ND		
1,1-Dichloropropene	0.005	0.005	ND	ND		
cis-1,3-Dichloropropene	0.005	0.005	ND	ND		
trans-1,3-Dichloropropene	0.005	0.005	ND	ND		
Ethylbenzene	0.001	0.001	ND	ND		
Hexachlorobutadiene	0.015	0.015	ND	ND		
2-Hexanone	0.025	0.025	ND	ND		
Iodomethane	0.005	0.005	ND	ND		
Isopropylbenzene	0.005	0.005	ND	ND		
p-Isopropyltoluene	0.005	0.005	ND	ND		
4-Methyl-2-pentanone (MIBK)	0.025	0.025	ND	ND		
Methyl-tert-butyl ether (MTBE)	0.002	0.002	ND	ND		
Methylene chloride (DCM)	0.025	0.025	ND	ND		
Naphthalene	0.005	0.005	ND	ND		
n-Propylbenzene	0.005	0.005	ND	ND		
Styrene	0.005	0.005	ND	ND		
1,1,1,2-Tetrachloroethane	0.005	0.005	ND	ND		
1,1,2,2-Tetrachloroethane	0.005	0.005	ND	ND		
Tetrachloroethene	0.002	0.002	ND	ND		
Toluene (Methyl benzene)	0.001	0.001	ND	ND		
1,2,3-Trichlorobenzene	0.005	0.005	ND	ND		
1,2,4-Trichlorobenzene	0.005	0.005	ND	ND		
1,1,1-Trichloroethane	0.005	0.005	ND	ND		
1,1,2-Trichloroethane	0.005	0.005	ND	ND		
Trichloroethene	0.0015	0.0015	ND	ND		
Trichlorofluoromethane	0.005	0.005	ND	ND		
1,2,3-Trichloropropane	0.001	0.001	ND	ND		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Page: 21

Project ID: IO# 339964
 Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0424182A2

Our Lab I.D.			Method Blank	92387.32			
Client Sample I.D.				C11			
Date Sampled				04/23/2018			
Date Prepared			04/24/2018	04/24/2018			
Preparation Method			5030	5030			
Date Analyzed			04/24/2018	04/25/2018			
Matrix			Solid	Solid			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	MDL	PQL	Results	Results			
1,2,4-Trimethylbenzene	0.005	0.005	ND	ND			
1,3,5-Trimethylbenzene	0.005	0.005	ND	ND			
Vinyl Acetate	0.025	0.025	ND	ND			
Vinyl chloride (Chloroethene)	0.005	0.005	ND	ND			
o-Xylene	0.001	0.001	ND	ND			
m,p-Xylenes	0.001	0.001	ND	ND			
Our Lab I.D.			Method Blank	92387.32			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Bromofluorobenzene	75-125		102	99.2			
Dibromofluoromethane	75-125		119	63.2 S6			
Toluene-d8	75-125		107	106			



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 22

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0426182C2

Our Lab I.D.		Method Blank	92387.01	92387.02	92387.05	92387.06	
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'	
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	
Date Prepared		04/26/2018	04/26/2018	04/26/2018	04/26/2018	04/26/2018	
Preparation Method		3050B	3050B	3050B	3050B	3050B	
Date Analyzed		04/27/2018	04/27/2018	04/27/2018	04/27/2018	04/27/2018	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Antimony	5.0	5.0	ND	ND	ND	ND	ND
Arsenic	2.5	2.5	ND	17.6	10.3	78.8	ND
Barium	5.0	5.0	ND	89.2	81.7	108	115
Beryllium	2.5	2.5	ND	ND	ND	ND	ND
Cadmium	2.5	2.5	ND	ND	ND	ND	ND
Chromium	5.0	5.0	ND	13.4	12.1	15.6	15.4
Cobalt	5.0	5.0	ND	8.53	7.93	9.22	10.4
Copper	5.0	5.0	ND	27.5	13.9	53.4	21.3
Lead	5.0	5.0	ND	9.50	ND	26.8	7.32
Mercury (By EPA 7471)	0.2	0.2	ND	ND	ND	ND	ND
Molybdenum	5.0	5.0	ND	ND	ND	ND	ND
Nickel	5.0	5.0	ND	8.00	7.17	9.36	9.99
Selenium	5.0	5.0	ND	ND	ND	ND	ND
Silver	5.0	5.0	ND	ND	ND	ND	ND
Thallium	5.0	5.0	ND	ND	ND	ND	ND
Vanadium	5.0	5.0	ND	39.5	39.0	43.9	45.4
Zinc	5.0	5.0	ND	69.0	47.7	116	73.5



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 23

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title: 22 Metals (SW-846)

QC Batch No: 042612C2

Our Lab I.D.			92387.08	92387.09	92387.12	92387.13	92387.16
Client Sample I.D.			HA3-0.5'	HA3-2.0'	HA4-0.5'	HA4-2.0'	HA5-0.5'
Date Sampled			04/23/2018	04/23/2018	04/23/2018	04/23/2018	04/23/2018
Date Prepared			04/26/2018	04/26/2018	04/26/2018	04/26/2018	04/26/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			04/27/2018	04/27/2018	04/27/2018	04/27/2018	04/27/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Antimony	5.0	5.0	ND	ND	ND	ND	ND
Arsenic	2.5	2.5	51.1	ND	25.1	ND	32.3
Barium	5.0	5.0	114	111	100	114	88.9
Beryllium	2.5	2.5	ND	ND	ND	ND	ND
Cadmium	2.5	2.5	ND	ND	ND	ND	ND
Chromium	5.0	5.0	14.5	16.2	14.5	18.2	14.1
Cobalt	5.0	5.0	8.72	10.5	8.96	11.1	9.10
Copper	5.0	5.0	41.2	18.6	24.5	22.8	67.5
Lead	5.0	5.0	33.5	ND	15.0	ND	ND
Mercury (By EPA 7471)	0.2	0.2	ND	ND	ND	ND	ND
Molybdenum	5.0	5.0	ND	ND	ND	ND	ND
Nickel	5.0	5.0	9.09	10.3	8.87	12.0	8.85
Selenium	5.0	5.0	ND	ND	ND	ND	ND
Silver	5.0	5.0	ND	ND	ND	ND	ND
Thallium	5.0	5.0	ND	ND	ND	ND	ND
Vanadium	5.0	5.0	40.0	45.1	41.0	48.4	40.8
Zinc	5.0	5.0	170	61.5	105	67.0	72.6



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 24

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0426-2C2

Our Lab I.D.	92387.17		
Client Sample I.D.	HA5-2.0'		
Date Sampled	04/23/2018		
Date Prepared	04/26/2018		
Preparation Method	3050B		
Date Analyzed	04/27/2018		
Matrix	Soil		
Units	mg/Kg		
Dilution Factor	1		
Analytes	MDL	PQL	Results
Antimony	5.0	5.0	ND
Arsenic	2.5	2.5	ND
Barium	5.0	5.0	108
Beryllium	2.5	2.5	ND
Cadmium	2.5	2.5	ND
Chromium	5.0	5.0	16.5
Cobalt	5.0	5.0	13.9
Copper	5.0	5.0	17.4
Lead	5.0	5.0	ND
Mercury (By EPA 7471)	0.2	0.2	ND
Molybdenum	5.0	5.0	ND
Nickel	5.0	5.0	13.5
Selenium	5.0	5.0	ND
Silver	5.0	5.0	ND
Thallium	5.0	5.0	ND
Vanadium	5.0	5.0	45.0
Zinc	5.0	5.0	78.8



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 25

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0426182C3

Our Lab I.D.			Method Blank	92387.20	92387.21		
Client Sample I.D.				HA6-0.5'	HA7-0.5'		
Date Sampled				04/23/2018	04/23/2018		
Date Prepared			04/26/2018	04/26/2018	04/26/2018		
Preparation Method			3050B	3050B	3050B		
Date Analyzed			04/28/2018	04/28/2018	04/28/2018		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
Antimony	5.0	5.0	ND	ND	ND		
Arsenic	2.5	2.5	ND	7.04	4.76		
Barium	5.0	5.0	ND	87.6	89.3		
Beryllium	2.5	2.5	ND	ND	ND		
Cadmium	2.5	2.5	ND	ND	ND		
Chromium	5.0	5.0	ND	13.3	12.6		
Cobalt	5.0	5.0	ND	8.24	7.80		
Copper	5.0	5.0	ND	25.8	121		
Lead	5.0	5.0	ND	7.81	124		
Mercury (By EPA 7471)	0.2	0.2	ND	ND	ND		
Molybdenum	5.0	5.0	ND	ND	ND		
Nickel	5.0	5.0	ND	8.06	8.33		
Selenium	5.0	5.0	ND	ND	ND		
Silver	5.0	5.0	ND	ND	ND		
Thallium	5.0	5.0	ND	ND	ND		
Vanadium	5.0	5.0	ND	38.4	35.7		
Zinc	5.0	5.0	ND	73.0	101		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 26

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0501182C10

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			05/01/2018				
Preparation Method			TITLE 22				
Date Analyzed			05/03/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Arsenic (STLC)	0.05	0.05	ND				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 27

Project ID: IO# 339964

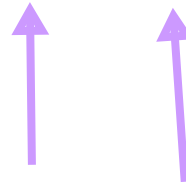
Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0501182C10

Our Lab I.D.			92387.05	92387.08			
Client Sample I.D.			HA2-0.5'	HA3-0.5'			
Date Sampled			04/23/2018	04/23/2018			
Date Prepared			05/01/2018	05/01/2018			
Preparation Method			TITLE 22	TITLE 22			
Date Analyzed			05/03/2018	05/03/2018			
Matrix			Soil	Soil			
Units			mg/L	mg/L			
Dilution Factor			10	10			
Analytes	MDL	PQL	Results	Results			
Arsenic (STLC)	0.50	0.50	3.84	2.97			





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 28

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Lead

QC Batch No: 0501182C10

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			05/01/2018				
Preparation Method			TITLE 22				
Date Analyzed			05/03/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Lead (STLC)	0.05	0.05	ND				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 29

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Lead

QC Batch No: 0501182C10

Our Lab I.D.			92387.21				
Client Sample I.D.			HA7-0.5'				
Date Sampled			04/23/2018				
Date Prepared			05/01/2018				
Preparation Method			TITLE 22				
Date Analyzed			05/03/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			10				
Analytes	MDL	PQL	Results				
Lead (STLC)	0.50	0.50	11.4				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 30

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure for Lead

QC Batch No: 0501182C9

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			05/01/2018				
Preparation Method			1311				
Date Analyzed			05/03/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Lead (TCLP)	0.05	0.05	ND				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 31

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure for Lead

QC Batch No: 0501182C9

Our Lab I.D.			92387.21				
Client Sample I.D.			HA7-0.5'				
Date Sampled			04/23/2018				
Date Prepared			05/01/2018				
Preparation Method			1311				
Date Analyzed			05/03/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			10				
Analytes	MDL	PQL	Results				
Lead (TCLP)	0.50	0.50	0.946				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 32

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure for Lead

QC Batch No: 0501182C9; Dup or Spiked Sample: 92387.05; LCS: Clean Sand; LCS Prepared: 05/01/2018; LCS Analyzed: 05/03/2018;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Lead (TCLP)	ND	ND	<1	<20						

QC Batch No: 0501182C9; Dup or Spiked Sample: 92387.05; LCS: Clean Sand; LCS Prepared: 05/01/2018; LCS Analyzed: 05/03/2018;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead (TCLP)	10.0	8.54	85.4	10.0	8.57	85.7	<1	75-125	<20	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 33

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0501182C10; Dup or Spiked Sample: 92323.11; LCS: Clean Sand; LCS Prepared: 05/01/2018; LCS Analyzed: 05/03/2018;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Arsenic (STLC)	3.39	3.59	5.7	<20						

QC Batch No: 0501182C10; Dup or Spiked Sample: 92323.11; LCS: Clean Sand; LCS Prepared: 05/01/2018; LCS Analyzed: 05/03/2018;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Arsenic (STLC)	10.0	8.60	86.0	10.0	8.48	84.8	1.4	75-125	<20	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 34

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Lead

QC Batch No: 0501182C10; Dup or Spiked Sample: 92323.11; LCS: Clean Sand; LCS Prepared: 05/01/2018; LCS Analyzed: 05/03/2018;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Lead (STLC)	ND	ND	<1	<20						

QC Batch No: 0501182C10; Dup or Spiked Sample: 92323.11; LCS: Clean Sand; LCS Prepared: 05/01/2018; LCS Analyzed: 05/03/2018;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead (STLC)	10.0	8.20	82.0	10.0	8.40	84.0	2.41	75-125	<20	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 35

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0426182C2; Dup or Spiked Sample: 92387.01; LCS: Clean Sand; QC Prepared: 04/26/2018; QC Analyzed: 04/27/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	53.0	106	50.0	53.0	106	<1	75-125	<15
Arsenic	17.6	50.0	72.1	109	50.0	71.1	107	1.9	75-125	<15
Barium	89.2	50.0	141	104	50.0	142	106	1.9	75-125	<15
Beryllium	0.00	50.0	47.2	94.4	50.0	47.3	94.6	<1	75-125	<15
Cadmium	0.00	50.0	52.5	105	50.0	52.0	104	<1	75-125	<15
Chromium	13.4	50.0	65.9	105	50.0	64.9	103	1.9	75-125	<15
Cobalt	8.53	50.0	59.0	101	50.0	58.3	99.5	1.5	75-125	<15
Copper	27.5	50.0	84.5	114	50.0	83.5	112	1.8	75-125	<15
Lead	9.50	50.0	60.5	102	50.0	59.2	99.4	2.6	75-125	<15
Mercury (By EPA 7471)	0.0505	0.500	0.512	92.3	0.500	0.510	91.9	<1	75-125	<15
Molybdenum	0.00	50.0	51.0	102	50.0	50.5	101	<1	75-125	<15
Nickel	8.00	50.0	56.4	96.8	50.0	55.6	95.2	1.7	75-125	<15
Selenium	0.00	50.0	39.0	78.0	50.0	37.3 M	74.6	4.5	75-125	<15
Silver	0.00	50.0	47.1	94.2	50.0	47.1	94.2	<1	75-125	<15
Thallium	0.00	50.0	30.9 M	61.8	50.0	31.0 M	62.0	<1	75-125	<15
Vanadium	39.5	50.0	92.0	105	50.0	92.0	105	<1	75-125	<15
Zinc	69.0	50.0	130	122	50.0	127	116	5.0	75-125	<15

QC Batch No: 0426182C2; Dup or Spiked Sample: 92387.01; LCS: Clean Sand; QC Prepared: 04/26/2018; QC Analyzed: 04/27/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Antimony	50.0	51.5	103	50.0	51.0	102	<1	75-125	<15
Arsenic	50.0	52.0	104	50.0	49.8	99.6	4.3	75-125	<15
Barium	50.0	52.0	104	50.0	52.0	104	<1	75-125	<15
Beryllium	50.0	52.5	105	50.0	51.5	103	1.9	75-125	<15
Cadmium	50.0	52.0	104	50.0	51.5	103	<1	75-125	<15
Chromium	50.0	52.5	105	50.0	52.0	104	<1	75-125	<15
Cobalt	50.0	54.5	109	50.0	54.0	108	<1	75-125	<15
Copper	50.0	51.5	103	50.0	51.5	103	<1	75-125	<15
Lead	50.0	51.0	102	50.0	50.5	101	<1	75-125	<15



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Page: 36

Project ID: IO# 339964
Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0426182C2; Dup or Spiked Sample: 92387.01; LCS: Clean Sand; QC Prepared: 04/26/2018; QC Analyzed: 04/27/2018;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Mercury (By EPA 7471)	0.500	0.478	95.5	0.500	0.477	95.3	<1	75-125	<15	
Molybdenum	50.0	50.5	101	50.0	50.0	100	<1	75-125	<15	
Nickel	50.0	50.5	101	50.0	50.5	101	<1	75-125	<15	
Selenium	50.0	52.0	104	50.0	51.0	102	1.9	75-125	<15	
Silver	50.0	51.5	103	50.0	51.5	103	<1	75-125	<15	
Thallium	50.0	51.5	103	50.0	51.0	102	<1	75-125	<15	
Vanadium	50.0	51.0	102	50.0	51.0	102	<1	75-125	<15	
Zinc	50.0	54.5	109	50.0	54.0	108	<1	75-125	<15	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 37

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0426182C3; Dup or Spiked Sample: 92387.20; LCS: Clean Sand; QC Prepared: 04/26/2018; QC Analyzed: 04/28/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	48.2	96.4	50.0	46.8	93.6	2.9	75-125	<15
Arsenic	7.04	50.0	53.2	92.3	50.0	51.0	87.9	4.9	75-125	<15
Barium	87.6	50.0	127	78.8	50.0	130	84.8	7.3	75-125	<15
Beryllium	0.00	50.0	41.8	83.6	50.0	42.4	84.8	1.4	75-125	<15
Cadmium	0.00	50.0	47.4	94.8	50.0	46.3	92.6	2.3	75-125	<15
Chromium	13.3	50.0	59.5	92.4	50.0	58.3	90.0	2.6	75-125	<15
Cobalt	8.24	50.0	53.5	90.5	50.0	52.3	88.1	2.7	75-125	<15
Copper	25.8	50.0	76.3	101	50.0	77.3	103	2.0	75-125	<15
Lead	7.81	50.0	46.3	77.0	50.0	45.4	75.2	2.4	75-125	<15
Mercury (By EPA 7471)	0.0505	0.500	0.656	121	0.500	0.656	121	<1	75-125	<15
Molybdenum	0.00	50.0	45.2	90.4	50.0	44.3	88.6	2.0	75-125	<15
Nickel	8.06	50.0	50.7	85.3	50.0	49.6	83.1	2.6	75-125	<15
Selenium	0.00	50.0	31.9 M	63.8	50.0	29.6 M	59.2	7.5	75-125	<15
Silver	0.00	50.0	42.9	85.8	50.0	43.8	87.6	2.1	75-125	<15
Thallium	0.00	50.0	28.2 M	56.4	50.0	27.2 M	54.4	3.6	75-125	<15
Vanadium	38.4	50.0	83.3	89.8	50.0	84.7	92.6	3.1	75-125	<15
Zinc	73.0	50.0	123	100	50.0	120	94.0	6.2	75-125	<15

QC Batch No: 0426182C3; Dup or Spiked Sample: 92387.20; LCS: Clean Sand; QC Prepared: 04/26/2018; QC Analyzed: 04/28/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Antimony	50.0	49.6	99.2	50.0	50.5	101	1.8	75-125	<15
Arsenic	50.0	48.7	97.4	50.0	51.0	102	4.6	75-125	<15
Barium	50.0	50.5	101	50.0	49.7	99.4	1.6	75-125	<15
Beryllium	50.0	50.5	101	50.0	50.0	100	<1	75-125	<15
Cadmium	50.0	51.5	103	50.0	50.5	101	2.0	75-125	<15
Chromium	50.0	51.0	102	50.0	51.5	103	<1	75-125	<15
Cobalt	50.0	53.5	107	50.0	54.0	108	<1	75-125	<15
Copper	50.0	52.0	104	50.0	50.5	101	2.9	75-125	<15
Lead	50.0	48.7	97.4	50.0	48.8	97.6	<1	75-125	<15



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Page: 38

Project ID: IO# 339964
Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0426182C3; Dup or Spiked Sample: 92387.20; LCS: Clean Sand; QC Prepared: 04/26/2018; QC Analyzed: 04/28/2018;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Mercury (By EPA 7471)	0.500	0.478	95.5	0.500	0.477	95.3	<1	75-125	<15	
Molybdenum	50.0	48.1	96.2	50.0	48.3	96.6	<1	75-125	<15	
Nickel	50.0	52.0	104	50.0	52.5	105	<1	75-125	<15	
Selenium	50.0	51.5	103	50.0	51.5	103	<1	75-125	<15	
Silver	50.0	51.5	103	50.0	50.5	101	2.0	75-125	<15	
Thallium	50.0	50.5	101	50.0	50.5	101	<1	75-125	<15	
Vanadium	50.0	51.0	102	50.0	49.8	99.6	2.4	75-125	<15	
Zinc	50.0	54.0	108	50.0	55.0	110	1.8	75-125	<15	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 39

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418ZB1; Dup or Spiked Sample: 92379.05; LCS: Clean Sand; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.306	61.2	0.500	0.313	62.6	2.3	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.461	92.2	0.500	0.440	88.0	4.7	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0500	0.0620	124	0.0500	0.0600	120	3.3	30-150	<20
Tetrachloro-m-xylene	0.00	0.0500	0.0355	71.0	0.0500	0.0317	63.4	11.3	30-150	<20

QC Batch No: 042418ZB1; Dup or Spiked Sample: 92379.05; LCS: Clean Sand; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aroclor-1016 (PCB-1016)	0.500	0.585	117	0.500	0.545	109	7.1	50-150	<20
Aroclor-1260 (PCB-1260)	0.500	0.475	95.0	0.500	0.478	95.6	<1	50-150	<20
Surrogates									
Decachlorobiphenyl	0.0500	0.0645	129	0.0500	0.0655	131	1.5	30-150	<20
Tetrachloro-m-xylene	0.0500	0.0489	97.8	0.0500	0.0448	89.6	8.8	30-150	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 40

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0501182A1; LCS: Clean Sand; LCS Prepared: 05/01/2018; LCS Analyzed: 05/01/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Benzene	0.0500	0.0422	84.4	0.0500	0.0430	86.0	1.9	75-125	<20
Carbon tetrachloride	0.0500	0.0440	88.0	0.0500	0.0450	90.0	2.2	75-125	<20
Chlorobenzene	0.0500	0.0525	105	0.0500	0.0525	105	<1	75-125	<20
Chloroform (Trichloromethane)	0.0500	0.0424	84.8	0.0500	0.0440	88.0	3.7	75-125	<20
1,2-Dichlorobenzene	0.0500	0.0580	116	0.0500	0.0580	116	<1	75-125	<20
1,1-Dichloroethane	0.0500	0.0389	77.8	0.0500	0.0375	75.0	3.7	75-125	<20
1,1-Dichloroethene	0.0500	0.0423	84.6	0.0500	0.0415	83.0	1.9	75-125	<20
cis-1,2-Dichloroethene	0.0500	0.0418	83.6	0.0500	0.0440	88.0	5.1	75-125	<20
Ethylbenzene	0.0500	0.0505	101	0.0500	0.0510	102	<1	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.0500	0.0465	93.0	0.0500	0.0440	88.0	5.5	75-125	<20
n-Propylbenzene	0.0500	0.0540	108	0.0500	0.0550	110	1.8	75-125	<20
Toluene (Methyl benzene)	0.0500	0.0486	97.2	0.0500	0.0495	99.0	1.8	75-125	<20
1,1,1-Trichloroethane	0.0500	0.0443	88.6	0.0500	0.0455	91.0	2.7	75-125	<20
1,1,2-Trichloroethane	0.0500	0.0463	92.6	0.0500	0.0470	94.0	1.5	75-125	<20
Trichloroethene	0.0500	0.0443	88.6	0.0500	0.0445	89.0	<1	75-125	<20
1,2,4-Trimethylbenzene	0.0500	0.0560	112	0.0500	0.0560	112	<1	75-125	<20
1,3,5-Trimethylbenzene	0.0500	0.0525	105	0.0500	0.0535	107	1.9	75-125	<20
o-Xylene	0.0500	0.0475	95.0	0.0500	0.0475	95.0	<1	75-125	<20
m,p-Xylenes	0.100	0.0961	96.1	0.100	0.0958	95.8	<1	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0535	107	0.0500	0.0540	108	<1	75-125	<20
Dibromofluoromethane	0.0500	0.0440	88.0	0.0500	0.0449	89.8	2.0	75-125	<20
Toluene-d8	0.0500	0.0481	96.1	0.0500	0.0484	96.7	<1	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: **41**

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 042418PB1S; Dup or Spiked Sample: 92387.01; LCS: Clean Sand; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	570	114	500	489	97.8	15.3	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	122	122	100	97.5	97.5	22.3	75-125	<20

QC Batch No: 042418PB1S; Dup or Spiked Sample: 92387.01; LCS: Clean Sand; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Diesel (C13-C22)	500	495	99.0	500	483	96.6	2.5	75-125	<20
Surrogates									
Chlorobenzene	100	90.9	90.9	100	89.1	89.1	2.0	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 42

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 042418OB1S; Dup or Spiked Sample: 92387.01AGA; LCS: Clean Sand; QC Prepared: 04/24/2018;

MS Analyzed: 04/25/2018;

LCS Analyzed: 04/24/2018; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.00	1.00	0.778	77.8	1.00	0.824	82.4	5.7	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0450	90.0	0.0500	0.0465	93.0	3.3	75-125	<20

QC Batch No: 042418OB1S; Dup or Spiked Sample: 92387.01AGA; LCS: Clean Sand; QC Prepared: 04/24/2018;

MS Analyzed: 04/25/2018;

LCS Analyzed: 04/24/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	1.00	0.915	91.5	1.00	0.871	87.1	4.9	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0434	86.8	0.0500	0.0433	86.6	<1	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 43

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418-2; Dup or Spiked Sample: 92387.33; LCS: Blank; QC Prepared: 04/24/2018; QC Analyzed: 04/25/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.382	76.4	0.500	0.473	94.6	21.3	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.456	91.2	0.500	0.555	111	19.6	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0500	0.0550	110	0.0500	0.0620	124	12.0	30-150	<20
Tetrachloro-m-xylene	0.00	0.0500	0.0374	74.8	0.0500	0.0430	86.0	13.9	30-150	<20

QC Batch No: 042418-2; Dup or Spiked Sample: 92387.33; LCS: Blank; QC Prepared: 04/24/2018; QC Analyzed: 04/25/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aroclor-1016 (PCB-1016)	0.500	0.482	96.4	0.500	0.520	104	7.6	50-150	<20
Aroclor-1260 (PCB-1260)	0.500	0.439	87.8	0.500	0.487	97.4	10.4	50-150	<20
Surrogates									
Decachlorobiphenyl	0.0500	0.0670	134	0.0500	0.0690	138	2.9	30-150	<20
Tetrachloro-m-xylene	0.0500	0.0447	89.4	0.0500	0.0570	114	24.2	30-150	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 44

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 042418ZB1C; Dup or Spiked Sample: 92379.05; LCS: Blank; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.306	61.2	0.500	0.313	62.6	2.3	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.461	92.2	0.500	0.440	88.0	4.7	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0500	0.0620	124	0.0500	0.0600	120	3.3	30-150	<20
Tetrachloro-m-xylene	0.00	0.0500	0.0355	71.0	0.0500	0.0317	63.4	11.3	30-150	<20

QC Batch No: 042418ZB1C; Dup or Spiked Sample: 92379.05; LCS: Blank; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aroclor-1016 (PCB-1016)	0.500	0.585	117	0.500	0.545	109	7.1	50-150	<20
Aroclor-1260 (PCB-1260)	0.500	0.475	95.0	0.500	0.478	95.6	<1	50-150	<20
Surrogates									
Decachlorobiphenyl	0.0500	0.0645	129	0.0500	0.0655	131	1.5	30-150	<20
Tetrachloro-m-xylene	0.0500	0.0489	97.8	0.0500	0.0448	89.6	8.8	30-150	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 45

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0424182A2; Dup or Spiked Sample: 92361.02; LCS: Blank; QC Prepared: 04/24/2018; MS Analyzed: 04/25/2018;
 LCS Analyzed: 04/24/2018; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Benzene	1.15	0.0500	1.19	82.7	0.0500	1.19	84.7	2.4	75-125	<20
Carbon tetrachloride	0.00	0.0500	0.0436	87.2	0.0500	0.0441	88.2	1.1	75-125	<20
Chlorobenzene	0.00	0.0500	0.0440	88.0	0.0500	0.0429	85.8	2.5	75-125	<20
Chloroform (Trichloromethane)	0.00	0.0500	0.0443	88.6	0.0500	0.0458	91.6	3.3	75-125	<20
1,2-Dichlorobenzene	0.00	0.0500	0.0424	84.8	0.0500	0.0413	82.6	2.6	75-125	<20
1,1-Dichloroethane	0.00	0.0500	0.0417	83.4	0.0500	0.0383	76.6	8.5	75-125	<20
1,1-Dichloroethene	0.00	0.0500	0.0452	90.4	0.0500	0.0433	86.6	4.3	75-125	<20
cis-1,2-Dichloroethene	0.00	0.0500	0.0442	88.4	0.0500	0.0467	93.4	5.5	75-125	<20
Ethylbenzene	0.00	0.0500	0.0430	86.0	0.0500	0.0423	84.6	1.6	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.00	0.0500	0.0430	86.0	0.0500	0.0407	81.4	5.5	75-125	<20
n-Propylbenzene	0.00	0.0500	0.0407	81.4	0.0500	0.0408	81.6	<1	75-125	<20
Toluene (Methyl benzene)	0.00	0.0500	0.0428	85.6	0.0500	0.0427	85.4	<1	75-125	<20
1,1,1-Trichloroethane	0.00	0.0500	0.0451	90.2	0.0500	0.0460	92.0	2.0	75-125	<20
1,1,2-Trichloroethane	0.00	0.0500	0.0418	83.6	0.0500	0.0433	86.6	3.5	75-125	<20
Trichloroethene	0.00	0.0500	0.0625	125	0.0500	0.0625	125	<1	75-125	<20
1,2,4-Trimethylbenzene	0.00	0.0500	0.0423	84.6	0.0500	0.0410	82.0	3.1	75-125	<20
1,3,5-Trimethylbenzene	0.00	0.0500	0.0397	79.4	0.0500	0.0395	79.0	<1	75-125	<20
o-Xylene	0.00	0.0500	0.0418	83.6	0.0500	0.0406	81.2	2.9	75-125	<20
m,p-Xylenes	0.00	0.100	0.0808	80.8	0.100	0.0796	79.6	1.5	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0489	97.7	0.0500	0.0505	101	3.3	75-125	<20
Dibromofluoromethane	0.00	0.0500	0.0515	103	0.0500	0.0493	98.6	4.4	75-125	<20
Toluene-d8	0.00	0.0500	0.0505	101	0.0500	0.0510	102	<1	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Page: 46

Project ID: IO# 339964
Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (8260B), Volatile Organic Compounds by GC/MS (SW846)

QC Batch No: 0424182A2; Dup or Spiked Sample: 92361.02; LCS: Blank; QC Prepared: 04/24/2018; MS Analyzed: 04/25/2018;
LCS Analyzed: 04/24/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Benzene	0.0500	0.0499	99.8	0.0500	0.0495	99.0	<1	75-125	<20
Carbon tetrachloride	0.0500	0.0515	103	0.0500	0.0515	103	<1	75-125	<20
Chlorobenzene	0.0500	0.0530	106	0.0500	0.0530	106	<1	75-125	<20
Chloroform (Trichloromethane)	0.0500	0.0486	97.2	0.0500	0.0490	98.0	<1	75-125	<20
1,2-Dichlorobenzene	0.0500	0.0550	110	0.0500	0.0545	109	<1	75-125	<20
1,1-Dichloroethane	0.0500	0.0459	91.8	0.0500	0.0465	93.0	1.3	75-125	<20
1,1-Dichloroethene	0.0500	0.0515	103	0.0500	0.0500	100	3.0	75-125	<20
cis-1,2-Dichloroethene	0.0500	0.0493	98.6	0.0500	0.0500	100	1.4	75-125	<20
Ethylbenzene	0.0500	0.0520	104	0.0500	0.0515	103	<1	75-125	<20
Methyl-tert-butyl ether (MTBE)	0.0500	0.0540	108	0.0500	0.0545	109	<1	75-125	<20
n-Propylbenzene	0.0500	0.0535	107	0.0500	0.0525	105	1.9	75-125	<20
Toluene (Methyl benzene)	0.0500	0.0500	100	0.0500	0.0500	100	<1	75-125	<20
1,1,1-Trichloroethane	0.0500	0.0530	106	0.0500	0.0520	104	1.9	75-125	<20
1,1,2-Trichloroethane	0.0500	0.0540	108	0.0500	0.0545	109	<1	75-125	<20
Trichloroethene	0.0500	0.0520	104	0.0500	0.0515	103	<1	75-125	<20
1,2,4-Trimethylbenzene	0.0500	0.0535	107	0.0500	0.0520	104	2.8	75-125	<20
1,3,5-Trimethylbenzene	0.0500	0.0505	101	0.0500	0.0490	98.0	3.0	75-125	<20
o-Xylene	0.0500	0.0487	97.4	0.0500	0.0485	97.0	<1	75-125	<20
m,p-Xylenes	0.100	0.0979	97.9	0.100	0.0993	99.3	1.4	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0498	99.6	0.0500	0.0487	97.3	2.3	75-125	<20
Dibromofluoromethane	0.0500	0.0481	96.1	0.0500	0.0520	104	7.9	75-125	<20
Toluene-d8	0.0500	0.0494	98.7	0.0500	0.0497	99.4	<1	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 Fernwood Ave. & Court St.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 47

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 042418PB1; Dup or Spiked Sample: 92387.01; LCS: Blank; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	570	114	500	489	97.8	15.3	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	122	122	100	97.5	97.5	22.3	75-125	<20

QC Batch No: 042418PB1; Dup or Spiked Sample: 92387.01; LCS: Blank; QC Prepared: 04/24/2018; QC Analyzed: 04/24/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Diesel (C13-C22)	500	495	99.0	500	483	96.6	2.5	75-125	<20
Surrogates									
Chlorobenzene	100	90.9	90.9	100	89.1	89.1	2.0	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
Fernwood Ave. & Court St.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 48

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
92387	04/23/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 042418OB1; Dup or Spiked Sample: 92387.01AGA; LCS: Blank; QC Prepared: 04/24/2018; MS Analyzed: 04/25/2018;
LCS Analyzed: 04/24/2018; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.00	1.00	0.778	77.8	1.00	0.824	82.4	5.7	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0450	90.0	0.0500	0.0465	93.0	3.3	75-125	<20

QC Batch No: 042418OB1; Dup or Spiked Sample: 92387.01AGA; LCS: Blank; QC Prepared: 04/24/2018; MS Analyzed: 04/25/2018;
LCS Analyzed: 04/24/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	1.00	0.915	91.5	1.00	0.871	87.1	4.9	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0434	86.8	0.0500	0.0433	86.6	<1	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above PQL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference



AGENT SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 51231816043

Agent Billing Information

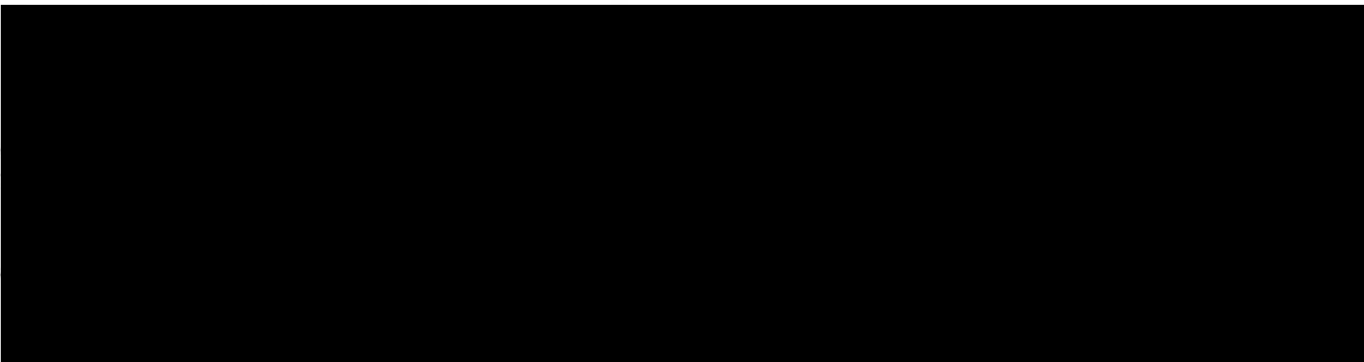
Name: ROBERSON WAITE ELECTRIC (ACCT # 321 CASH)
Address: 16512 BURKE LN
City: HUNTINGTON BEACH
State: CALIFORNIA Zip: 92647
Phone: 714.698.0930 Fax: _____
Contact: JAMES WAITE

Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.833.6500

Project: SOUTHERN CALIFORNIA EDISON County and State of Origin: LOS ANGELES, CALIFORNIA
Generator Address: FERNWOOD AVE AND COURT ST., LYNWOOD, CA 90262
Additional Information: CONTACT: RYAN CASTILLO | PHONE: 626.656.0453

1. **Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
2. **Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 8 months, commencing 9/25/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT
James Waite
SIGNATURE (AUTHORIZED REPRESENTATIVE)
James Waite Corporate Secretary
NAME AND TITLE (PLEASE PRINT)
10/1/18
DATE

REPUBLIC SERVICES, INC/COMF Edward Antolin
SIGNATURE (AUTHORIZED REPRESENTATIVE)
EDWARD ANTOLIN MESE
NAME AND TITLE (PLEASE PRINT)
10/1/2018
DATE

Terms and Conditions of Agent Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.
8. **Rights of Refusal/Rejection.** The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the divers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Agent within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.
11. **Termination.** Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages
 Worker's Compensation
 General Liability
 Automobile Liability

Minimum Amounts of Insurance
 Statutory
 \$500,000 combined single limit
 \$500,000 combined single limit


All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Agent being allowed on Facility premises, Agent shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire, or be changed without thirty (30) days advance written notice to the Company. Agent warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement:
 - (A) A petition for reorganization or bankruptcy filed by or against the Agent.
 - (B) Failure by Agent to pay any amounts due to Company.
 - (C) Any breach by Agent of any of its obligations pursuant to the Agreement.

Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.
21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages.** In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

AGENT: 

Republic Services, INC./COMPANY: 

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #
51231817042

Expiration Date
12/31/2018

I. Decision Request:

Initial Recertification Change

Disposal Facility: 5123 - Sunshine Canyon Landfill

Generator Name: T FRESH COMPANY DBA YES PRODUCE

Generator Site Address: 150 NO WILLOW AVE

City: CITY OF INDUSTRY

County:

State: CA

Zip:

Name of Waste: FOOD PRODUCTS

Estimated Annual Volume: 1,000 Pounds

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility


Problematic Special Waste according to Republic? Yes No

If yes, which one?

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

FOOD WASTE: This waste must be buried immediately upon receipt at the landfill.

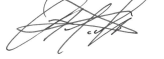
Special Waste Analyst Signature: 
Date: 10/11/2018

Name (Printed): Joseph Sorokach

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: 
Date: 10/11/2018

Name (Printed): CHRIS COYLE GM



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile # 5123 18 17042

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Sales Rep #:

Generator Name: T Fresh Company dba Yes Produce			
Generator Site Address: 150 N Willow Ave			
City: City of Industry	County: Los Angeles	State: California	Zip: 91746
State ID/Reg No: 272144308	State Approval/Waste Code:	(if applicable)	NAICS # :
Generator Mailing Address (if different): <input type="checkbox"/> 150 N Willow Ave			
City: City of Industry	County:	State: California	Zip: 91746
Generator Contact Name: Sho Chung		Email: tfresh@yesproduce.com	
Phone Number: (626) 968-2088	Ext:	Fax Number: (626) 968-8896	

II. Billing Information

Bill To: same	Contact Name:		
Billing Address:	Email:		
City:	State:	Zip:	Phone:

III. Waste Stream Information

Name of Waste: Food Products	
Process Generating Waste: 53 bags of Hawaiian Turmeric infested with pests.	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	1,000 Pounds
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE	
Sample Date:	
Sample ID Numbers:	

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. Turmeric		95%			
2. Plastic Bags		4%			
3. Pests		1%			
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
yellow	Spicy	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100%	N/A	N/A °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Sho Chung / Accounting

Authorized Representative Name And Title (Type or Print)

T Fresh Company dba Yes Produce

Company Name


 Authorized Representative Signature

10/11/2018

Date



SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 51231817042

Generator Billing Information

Name: T FRESH COMPANY DBA YES PRODUCE
(ACCT CASH # 321)
Address: 150 N WILLOW AVE
City: CITY OF INDUSTRY
State: CA Zip: 91746
Phone: 626.968.2088 Fax: _____
Contact: SHO CHUNG

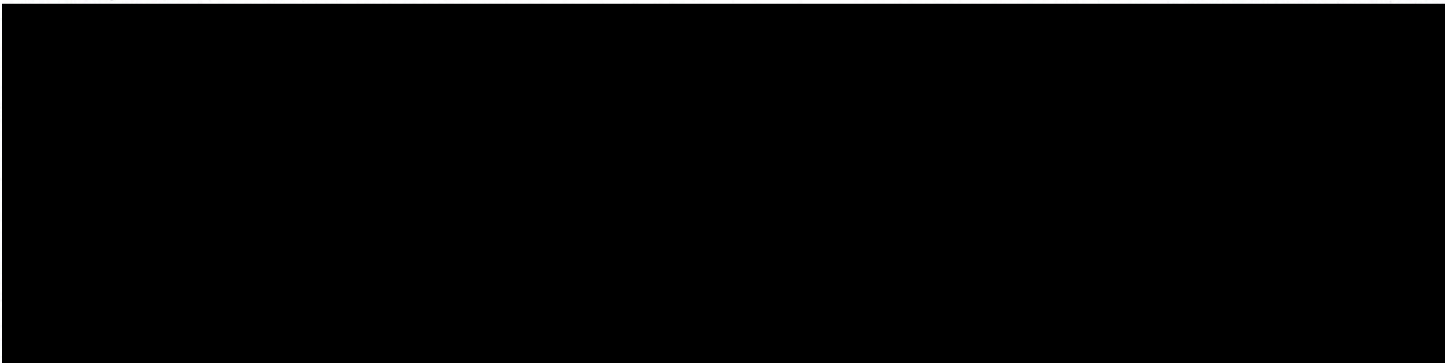
Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: FOOD PRODUCTS—TURMERIC County and State of Origin: LOS ANGELES, CA

Additional Information: SITE: 150 N WILLOW AVE, CITY OF INDUSTRY

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Generator agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Generator, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 3 months, commencing 10/11/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE GENERATOR, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

SIGNATURE (AUTHORIZED REPRESENTATIVE)

Sho Chung, Accounting

NAME AND TITLE (PLEASE PRINT)

10/12/2018

DATE

REPUBLIC SERVICES, INC/COMPAN

Edward Antolin

SIGNATURE (AUTHORIZED REPRESENTATIVE)

EDWARD ANTOLIN MESE

NAME AND TITLE (PLEASE PRINT)

10/12/18

DATE

Terms and Conditions of Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
8. **Rights of Refusal/Rejection.** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
11. **Termination.** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of the Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire or lapse, or be changed without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.

16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:

- (A) A petition for reorganization or bankruptcy filed by or against the Generator.
- (B) Failure by Generator to pay any amounts due to Company.
- (C) Any breach by Generator of any of its obligations pursuant to the Agreement.

Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.

19. **Continuing Compliance.** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.

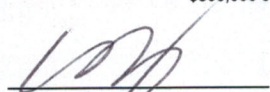
20. **Miscellaneous.**

- (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
- (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
- (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
- (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
- (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
- (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
- (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
- (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Generator.

21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages.** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

GENERATOR: _____



Republic Services, Inc/COMPANY: _____

Edward Antolin

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #
51231818001

Expiration Date
10/26/2019

I. Decision Request:

Initial Recertification Change

Disposal Facility: 5123 - Sunshine Canyon Landfill

Generator Name: Exotic Meat Market Inc

Generator Site Address: 5908 Avion Drive

City: Los Angeles

County:

State: CA

Zip:

Name of Waste: Fruit

Estimated Annual Volume: 500 Pounds

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: _____

Date: 10/26/2018

Name (Printed): KEITH DIAMANTI

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____

Date: 10/26/2018

Name (Printed): Chris Coyle



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile # 5123 18 18001
Sales Rep #:

Saveable file format. Restricted printing until all required yellow fields are completed.

I. Generator Information

Generator Name: EXOTIC MEAT MARKET INC.			
Generator Site Address: 5908 AVION DRIVE			
City: LOS ANGELES	County: LOS ANGELES	State: California	Zip: 90045
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS # :
Generator Mailing Address (if different):			
City:	County:	State: -- Select a State --	Zip:
Generator Contact Name: ANSHU PATHAK		Email:	
Phone Number: 7026863369	Ext:	Fax Number:	

II. Billing Information

Bill To: EXOTIC MEAT MARKET INC.	Contact Name: ANSHU PATHAK
Billing Address: 25517 LOS CABOS DRIVE	Email:
City: MORENO VALLEY	State: CA
Zip: 92551	Phone: 7026863369

III. Waste Stream Information

Name of Waste: FRUITS
Process Generating Waste: SOURSOP FRUITS WERE IMPORTED FROM GRENADA. LOS ANGELES COUNTY AGRICULTURE DEPARTMENT FOUND AN INSECT IN SHIPMENT. TO PROTECT COUNTY OF LOS ANGELES, I WAS INSTRUCTED TO DISPOSE OFF THE SHIPMENT AT YOUR LANDFILL.
Type of Waste: <input type="checkbox"/> INDUSTRIAL PROCESS WASTE <input checked="" type="checkbox"/> POLLUTION CONTROL WASTE
Physical State: <input type="checkbox"/> SOLID <input checked="" type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment: <input type="checkbox"/> BULK <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume: 500 Pounds
Frequency: <input type="checkbox"/> ONE TIME <input checked="" type="checkbox"/> ONGOING *
Disposal Consideration: <input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE	
Sample Date:	
Sample ID Numbers:	

* Anytime LA County AG finds pests in fruit I will dispose @ Sunshine per A.P. jom. 10-26-18



Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. FRUITS	95
2. BOXES	5
3.	
4.	
5.	

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
BROWN	SWEET	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	95	N/A	N/A °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

ANSHU PATHAK, MANAGER

EXOTIC MEAT MARKET INC.

Authorized Representative Name And Title (Type or Print)

Company Name

10/26/2018

Authorized Representative Signature

Date



SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 5123 18 18001

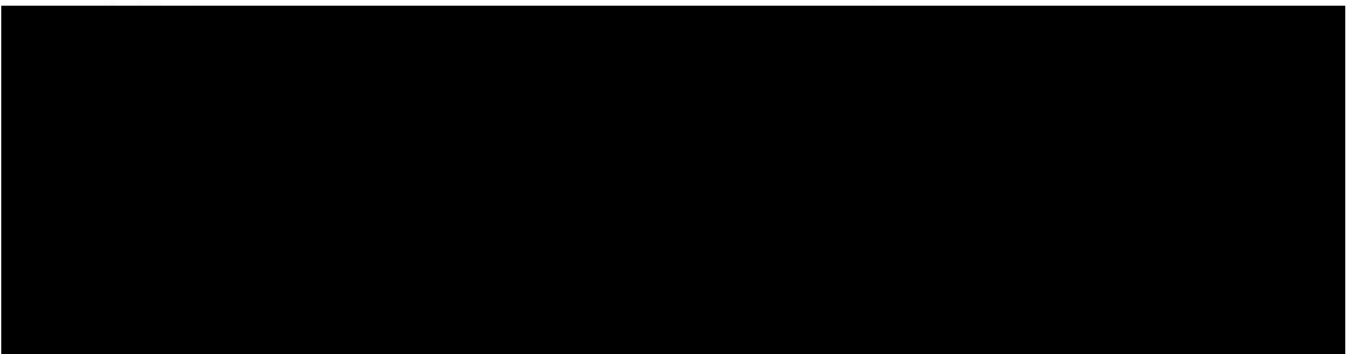
Generator Billing Information
 Name: EXOTIC MEAT MARKET
(ACCT CASH # 321)
 Address: 5908 AVION DRIVE
 City: MORENO VALLEY
 State: CA Zip: 92551
 Phone: 2135506998 Fax: _____
 Contact: ANSHU PATHAK

Republic Waste Location (Company)
SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362 2141

Project: FOOD PRODUCTS County and State of Origin: LOS ANGELES, CA

Additional Information: _____

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Generator agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Generator, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 12 months, commencing 10/26/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE GENERATOR, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

 SIGNATURE (AUTHORIZED REPRESENTATIVE)
Manager
 NAME AND TITLE (PLEASE PRINT)
11/1/18
 DATE

REPUBLIC SERVICES, INC/COMPANY

 SIGNATURE (AUTHORIZED REPRESENTATIVE)
Ed Antolin - MES Executive
 NAME AND TITLE (PLEASE PRINT)
11/2/2018
 DATE

Terms and Conditions of Special Waste Service Agreement

- 5. **The Agreement:** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of the Agreement, orders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
- 6. **Waste Accepted at Facility:** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
- 7. **Special Waste:** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described in any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
- 8. **Right of Refusal/Retrieval:** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise or failure to exercise its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste deposited in the Facility. The Company may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
- 9. **Limited License to Enter:** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the Facility of Company.
- 10. **Charges and Payment:** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
- 11. **Termination:** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
- 12. **Driver's Knowledge and Authority:** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste in the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
- 13. **Indemnification:** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. The indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
- 14. **Insurance:** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverage	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

An insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be cancelled, be permitted to expire or lapse or be charged without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

- 15. **Failure to Perform:** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including but not limited to strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including but not limited to whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity of waste the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
- 16. **Other Events:** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:
 - (A) A petition for reorganization or bankruptcy filed by or against the Generator
 - (B) Failure by Generator to pay any amounts due to Company
 - (C) Any breach by Generator of any of its obligations pursuant to the Agreement.

Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims, expenses or damages incurred by the Company as a result of termination hereunder.

- 17. **Assignment:** Generator may not assign, transfer or otherwise vest in any other Company, entity or person in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
- 18. **Right of Disposal:** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
- 19. **Continuing Compliance:** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement, or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.

20. Miscellaneous

- (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
- (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
- (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect unless in writing signed by all parties to this Agreement.
- (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation, any information (including any technical information, experience or data) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
- (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
- (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgment, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
- (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
- (H) It is the understanding and agreement of the parties that the Company is an independent contractor and is not an agent, nor an authorized representative of the Generator.

21. **Notices:** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages:** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that the liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

GENERATOR: 
Anshu Pathak
Manager

Republic Services, Inc/COMPANY: 

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #
51231818329

Expiration Date
9/24/2019

I. Decision Request:

Initial Recertification Change

Disposal Facility: 5123 - Sunshine Canyon Landfill

Generator Name: Southern California Edison Rosemead Substation

Generator Site Address: 8533 E Grand Ave

City: Rosemead

County:

State: CA

Zip:

Name of Waste: Non Hazardous Soil

Estimated Annual Volume: 20 Tons

II. Special Waste Department Decision: Approved Rejected

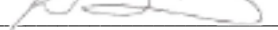
Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one?

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: 

Date: 11/2/2018

Name (Printed): KEITH DIAMANTI

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____

Date: 11/2/2018



Name (Printed): CHRIS COYLE



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile # 5123 18 18329

Sales Rep #: 585 - Ed Antolin

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: Southern California Edison - Rosemead Substation			
Generator Site Address: 8533 E. Grand Ave.			
City: Rosemead	County: LA	State: California	Zip: 91770
State ID/Reg No: NA	State Approval/Waste Code: NA (if applicable)		NAICS #: NA
Generator Mailing Address (if different): <input checked="" type="checkbox"/> Po Box 700			
City: Rosemead	County: LA	State: California	Zip: 91770
Generator Contact Name: Ryan Castillo		Email: ryan.castillo@sce.com	
Phone Number: (626) 656-0453	Ext:	Fax Number:	

II. Billing Information

Bill To: Professional Electrical Construction Services	Contact Name: Libby Humbles		
Billing Address: 9130 Santa Anita Ave	Email: Libby@pecsinc.biz		
City: Rancho Cucamonga	State: CA	Zip: 91730	Phone: (909) 373-4100

III. Waste Stream Information

Name of Waste: Non-hazardous soil	
Process Generating Waste: Excavation of soil and removal of concrete in support of installing new electrical equipment	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	20 Tons
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample:	<input type="checkbox"/> COMPOSITE SAMPLE <input checked="" type="checkbox"/> GRAB SAMPLE
Sample Date:	11/9/17 (concrete), 9/10/18 (soil)
Sample ID Numbers:	HA1-2.0', HA1-3.5', HA1-5.0', HA2-0.5', HA2-2.0', HA2-3.5', HA2-5.0', HA3-0.5', HA3-2.0', HA3-3.5', HA3-5.0', C1, C2, C3 Note that HA1-0.5' and HA4-2.0' will not be sent to Sunshine Canyon.

Waste Profile #
5123 18 18329

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. Soil		50-90			
2. Concrete		5-25			
3.					
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
Normal	None	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100	NA	NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Ryan Castillo, Program Mgr

SCE

Authorized Representative Name And Title (Type or Print)

Company Name



10/31/18

Authorized Representative Signature

Date



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Number of Pages 10
Date Received 09/18/2018
Date Reported 09/24/2018

Telephone: (909)274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94073	09/18/2018	SCE

Project ID: IO# 337782
Project Name: Rosemead Substation
Site: Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA 91770

Enclosed please find results of analyses of 10 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.
 2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

103149

COMPANY Rubicon collecting samples for SCE PROJECT MANAGER M. Mcbram
 COMPANY ADDRESS 12831 Newport Ave #200, Tustin, CA PHONE (714) 573-0681
 PROJECT NAME Rosemead Sub PT Installation PROJECT # 1009R 202
 SITE NAME Rosemead Substation SITE ID: 337782
 ADDRESS 8533 E. Grand Ave. Rosemead, CA

AETL JOB No. 94073

Page 1 of 1

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							TPH	PCBs	Metals	
HA1-0.5	94073-01	9/17/18	0930	soil	1 jar		✓	✓	✓	PQL for PCBs = 0.7 mg/kg * Requested on 9/20/18 @ 6:25pm Christi
1	-2.0		0935				✓	✓	✓	
1	-3.5		0947				✓	✓	✓	
1	-5.0		0955				✓	✓	✓	
HA2-0.5	94073-05		1010				✓	✓	✓	* 09/20/2018
1	-2.0		1014				✓	✓	✓	
1	-3.5		1022				✓	✓	✓	
1	-5.0		1031				✓	✓	✓	
HA3-0.5	94073-09		1046				✓	✓	✓	
1	-2.0		1051				✓	✓	✓	
1	-3.5		1059				✓	✓	✓	
1	-5.0		1108				✓	✓	✓	

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS 12 RELINQUISHED BY: 1. Signature: Peter Lee 2. Signature: _____ 3. Signature: _____

CUSTOMY SEALS Y (N) NA PROPERLY COOLED Y (N) / NA SAMPLES INTACT Y (N) / NA

RECEIVED IN GOOD COND. Y (N) SAMPLES ACCEPTED Y (N) RECEIVED BY: 1. Signature: _____ 2. Signature: _____ 3. Signature: _____

TURN AROUND TIME DATA DELIVERABLE REQUIRED

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: <u>Edison</u>			
Project Name:			
AETL Job Number: <u>94073</u>			
Date Received: <u>09/18/18</u>		Received by: <u>Anti</u>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u>1</u>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <u>3.3</u> , No 2: _____, No 3: _____			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify):			
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
None, <u>HNO₃</u> , <u>NaOH</u> , <u>ZnOAc</u> , <u>HCl</u> , <u>Na₂S₂O₃</u> , <u>MeOH</u>			
Other (Specify):			
	Yes	No; explain below	Name, if client was notified.
1. Are the COCs Correct?	Y		
2. Are the Sample labels legible?	Y		
3. Do samples match the COC?	Y		
4. Are the required analyses clear?	Y		
5. Is there enough samples for required analysis?	Y		
6. Are samples sealed with evidence tape?	Y	Y	
7. Are sample containers in good condition?	Y		
8. Are samples preserved?	Y		
9. Are samples preserved properly for the intended analysis?	Y		
10. Are the VOAs free of headspace?	N/A		
11. Are the jars free of headspace?	Y		

Explain all "No" answers for above questions:

CYRUS RAZMARA

From: Peter Lee [plee@rubiconeng.com]
Sent: Thursday, September 20, 2018 6:25 PM
To: CYRUS RAZMARA; amoreno@rubiconeng.com; Christine Brendle; 'Mohsen Mehran'; Roohi Fakhartousi; Ryan Castillo
Subject: Re: Results of analysis, AETL Job No.: 94073 (In New Summary Table and PDF formats) of 6 soil samples from "Rosemead Substation, Rubicon Project No.: 1009R.202, IO# 337782"

Cyrus,
Please run the mentioned analysis with the earliest TAT.
Also, please run Arsenic for all 3.5 and 5.0 foot samples with 24-hr TAT.

Regards,
Peter Lee

Sent from Samsung Galaxy Smartphone

----- Original message -----

From: CYRUS RAZMARA <cyrus@aetlab.com>
Date: 9/20/18 6:18 PM (GMT-08:00)
To: amoreno@rubiconeng.com, Christine Brendle <christine.brendle@sce.com>, 'Mohsen Mehran' <mmehran@rubiconeng.com>, Peter Lee <plee@rubiconeng.com>, Roohi Fakhartousi <rfakhartousi@rubiconeng.com>, Ryan Castillo <Ryan.Castillo@sce.com>
Subject: Results of analysis, AETL Job No.: 94073 (In New Summary Table and PDF formats) of 6 soil samples from "Rosemead Substation, Rubicon Project No.: 1009R.202, IO# 337782"

Hello Ryan, Christine, Mohsen, Peter, Roohi and Alex,

Herewith please find results of analysis (In New Summary Table and PDF formats) of 6 soil samples from "Rosemead Substation, Rubicon Project No.: 1009R.202, IO# 337782" which were received by AETL on 09/18/2018 at 13:25.

AETL Job No: 94073

Please note that the following samples need **STLC for As**.

HA1-0.5' (94073.01), HA1-2.0' (94073.02), HA2-0.5' (94073.05), and HA3-0.5' (94073.09).

Please note that the following samples need **TCLP for As**.

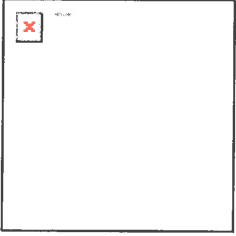
HA1-0.5' (94073.01) and HA3-0.5' (94073.09).

If you have any questions, please call me at 888-288-AETL.

Cyrus Razmara Ph.D.

CEO & Laboratory Director

American Environmental Testing Laboratory





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 A

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 337782
Date Received 09/18/2018
Date Reported 09/24/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94073	09/18/2018	SCE

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 12 samples with the following specification on 09/18/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers	
94073.01	HA1-0.5'	09/17/2018	Soil	1	
94073.09	HA3-0.5'	09/17/2018	Soil	1	
	Method ^ Submethod	Req Date	Priority	TAT	Units
	(6010/7000TCLP) ^ SCE-AS	09/20/2018	3	Rush	mg/L
	(6010B-STLC) ^ SCE-AS	09/20/2018	3	Rush	mg/L
	(6010B/7000CAM) ^ SCE	09/20/2018	3	Rush	mg/Kg
	(8082) ^ SCE-0.7PPM	09/20/2018	3	Rush	mg/Kg
	(M8015D) ^ SCE-C13C40	09/20/2018	3	Rush	mg/Kg
	(M8015G) ^ SCE-C4-C12	09/20/2018	3	Rush	mg/Kg
94073.02	HA1-2.0'	09/17/2018	Soil	1	
94073.05	HA2-0.5'	09/17/2018	Soil	1	
	Method ^ Submethod	Req Date	Priority	TAT	Units
	(6010B-STLC) ^ SCE-AS	09/20/2018	3	Rush	mg/L
	(6010B/7000CAM) ^ SCE	09/20/2018	3	Rush	mg/Kg
	(8082) ^ SCE-0.7PPM	09/20/2018	3	Rush	mg/Kg
	(M8015D) ^ SCE-C13C40	09/20/2018	3	Rush	mg/Kg
	(M8015G) ^ SCE-C4-C12	09/20/2018	3	Rush	mg/Kg
94073.03	HA1-3.5'	09/17/2018	Soil	1	
94073.04	HA1-5.0'	09/17/2018	Soil	1	
94073.07	HA2-3.5'	09/17/2018	Soil	1	
94073.08	HA2-5.0'	09/17/2018	Soil	1	
94073.11	HA3-3.5'	09/17/2018	Soil	1	
94073.12	HA3-5.0'	09/17/2018	Soil	1	
	Method ^ Submethod	Req Date	Priority	TAT	Units
	(6010BSCAN) ^ SCE-AS-LL	09/19/2018	2	Rush	mg/Kg
94073.06	HA2-2.0'	09/17/2018	Soil	1	

Continued



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 B

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 337782
Date Received 09/18/2018
Date Reported 09/24/2018

Telephone: (909) 274-1646

Attention: Ryan Castillo

Job Number	Order Date	Client
94073	09/18/2018	SCE

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

Method ^ Submethod	Req Date	Priority	TAT	Units
94073.10 HA3-2.0' 09/17/2018 Soil 1				
(6010B/7000CAM) ^ SCE	09/20/2018	3	Rush	mg/Kg
(8082) ^ SCE-0.7PPM	09/20/2018	3	Rush	mg/Kg
(M8015D) ^ SCE-C13C40	09/20/2018	3	Rush	mg/Kg
(M8015G) ^ SCE-C4-C12	09/20/2018	3	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody. No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 2

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010BSCAN), Arsenic by ICP

QC Batch No: 0920182C5

Our Lab I.D.		Method Blank	94073.03	94073.04	94073.07	94073.08
Client Sample I.D.			HA1-3.5'	HA1-5.0'	HA2-3.5'	HA2-5.0'
Date Sampled			09/17/2018	09/17/2018	09/17/2018	09/17/2018
Date Prepared		09/20/2018	09/20/2018	09/20/2018	09/20/2018	09/20/2018
Preparation Method		3050B	3050B	3050B	3050B	3050B
Date Analyzed		09/21/2018	09/21/2018	09/21/2018	09/21/2018	09/21/2018
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Arsenic	1.0	1.0	ND	7.95	ND	ND



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 3

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010BSCAN), Arsenic by ICP

QC Batch No: 0920182C5

Our Lab I.D.		94073.11	94073.12			
Client Sample I.D.		HA3-3.5'	HA3-5.0'			
Date Sampled		09/17/2018	09/17/2018			
Date Prepared		09/20/2018	09/20/2018			
Preparation Method		3050B	3050B			
Date Analyzed		09/21/2018	09/21/2018			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	MDL	PQL	Results	Results		
Arsenic	1.0	1.0	ND	ND		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 4

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0921182C3

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			09/21/2018				
Preparation Method			TITLE 22				
Date Analyzed			09/24/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Arsenic (STLC)	0.05	0.05	ND				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 5

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0921182C3

Our Lab I.D.		94073.01	94073.02	94073.05	94073.09	
Client Sample I.D.		HA1-0.5'	HA1-2.0'	HA2-0.5'	HA3-0.5'	
Date Sampled		09/17/2018	09/17/2018	09/17/2018	09/17/2018	
Date Prepared		09/21/2018	09/21/2018	09/21/2018	09/21/2018	
Preparation Method		TITLE 22	TITLE 22	TITLE 22	TITLE 22	
Date Analyzed		09/24/2018	09/24/2018	09/24/2018	09/24/2018	
Matrix		Soil	Soil	Soil	Soil	
Units		mg/L	mg/L	mg/L	mg/L	
Dilution Factor		10	10	10	10	
Analytes	MDL	PQL	Results	Results	Results	Results
Arsenic (STLC)	0.50	0.50	7.00	3.54	1.41	3.33



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 6

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure for Arsenic

QC Batch No: 0921182C2

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			09/21/2018				
Preparation Method			1311				
Date Analyzed			09/24/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Arsenic (TCLP)	0.05	0.05	ND				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 7

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure for Arsenic

QC Batch No: 0921182C2

Our Lab I.D.		94073.01	94073.09			
Client Sample I.D.		HA1-0.5'	HA3-0.5'			
Date Sampled		09/17/2018	09/17/2018			
Date Prepared		09/21/2018	09/21/2018			
Preparation Method		1311	1311			
Date Analyzed		09/24/2018	09/24/2018			
Matrix		Soil	Soil			
Units		mg/L	mg/L			
Dilution Factor		10	10			
Analytes	MDL	PQL	Results	Results		
Arsenic (TCLP)	0.50	0.50	0.947	ND		

Comment(s):

94073.09: Analyzed under dilution due to matrix interference



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 8

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure for Arsenic

QC Batch No: 0921182C2; Dup or Spiked Sample: 93937.55; LCS: Clean Sand; LCS Prepared: 09/21/2018; LCS Analyzed: 09/24/2018;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Arsenic (TCLP)	ND	ND	<1	<20						

QC Batch No: 0921182C2; Dup or Spiked Sample: 93937.55; LCS: Clean Sand; LCS Prepared: 09/21/2018; LCS Analyzed: 09/24/2018;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Arsenic (TCLP)	10.0	9.39	93.9	10.0	9.54	95.4	1.6	75-125	<20	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 9

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0921182C3; Dup or Spiked Sample: 93784.30; LCS: Clean Sand; LCS Prepared: 09/21/2018; LCS Analyzed: 09/24/2018;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Arsenic (STLC)	ND	ND	<1	<20						

QC Batch No: 0921182C3; Dup or Spiked Sample: 93784.30; LCS: Clean Sand; LCS Prepared: 09/21/2018; LCS Analyzed: 09/24/2018;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Arsenic (STLC)	10.0	9.47	94.7	10.0	9.05	90.5	4.5	75-125	<20	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 10

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010BSCAN), Arsenic by ICP

QC Batch No: 0920182C5; Dup or Spiked Sample: 94073.03; LCS: Clean Sand; QC Prepared: 09/20/2018; QC Analyzed: 09/21/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Arsenic	7.95	50.0	59.6	103	50.0	57.9	99.9	3.06	75-125	<15

QC Batch No: 0920182C5; Dup or Spiked Sample: 94073.03; LCS: Clean Sand; QC Prepared: 09/20/2018; QC Analyzed: 09/21/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Arsenic	50.0	50.9	102	50.0	50.6	101	<1	75-125	<15



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above PQL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Number of Pages 20
Date Received 11/09/2017
Date Reported 11/16/2017

Telephone: (909)274-1646
Attention: Christine Brendle

Job Number	Order Date	Client
90173	11/09/2017	SCE

Project ID: IO# 337761
Project Name: Rosemead Sub. CBs
Site: Rosemead Substation
8533 Grand Ave.
Rosemead, CA 91770

Enclosed please find results of analyses of 8 soil and 4 concrete samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.
 2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD
103472

90173

PROJECT MANAGER
 Christine Bredt / AETL / Job No.

SONI Fisher / Northgate

COMPANY Northgate for SCE

Page 2 of 2

COMPANY ADDRESS: 24411 Ridge Route Dr, Laguna Hills
 PROJECT NAME: Rosemead Substation
 PROJECT # IO# 337761
 SA# 902159509
 PO #
 SITE NAME AND ADDRESS: Rosemead Substation
 8533 Grand Ave., Rosemead

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
C1	90173.16	11/9/17	1020	Concrete	1/4oz Jar	ICE
C2	90173.17	↓	1025	↓	↓	↓
C3	90173.18	↓	1035	↓	↓	↓
C4	90173.19	↓	1050	↓	↓	↓

ANALYSIS REQUESTED

PCBs - EPA 8082	X
TPH - EPA 8015B	X
VOCs - EPA 8260	X

TEST INSTRUCTIONS & COMMENTS
 Pool for PCBs = 1.0mg/kg
 Analyze for VOCs only
 If TPH detected, then only on sample with highest TPH.

RELINQUISHED BY SAMPLER: Signature: Cem, Printed Name: CEM KAMALI, Date: 11/9/17, Time: 1220

RELINQUISHED BY: Signature: _____, Printed Name: _____, Date: _____, Time: _____

RECEIVED BY LABORATORY: Signature: _____, Printed Name: _____, Date: 11/9/17, Time: 1220

RECEIVED BY LABORATORY: Signature: ACTL, Printed Name: _____, Date: _____, Time: _____

TOTAL NUMBER OF CONTAINERS: 4

CUSTOMY SEALS: Y (4) N A

RECEIVED IN GOOD COND.: Y (4) N

TURN AROUND TIME: DATA DELIVERABLE REQUIRED

NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

5 day

DISTRIBUTION: WHITE - Laboratory, CANARY - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Christine Brendle

Page: 10

Project ID: IO# 337761

Project Name: Rosemead Sub. CBS

AETL Job Number	Submitted	Client
90173	11/09/2017	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 111317ZB1

Our Lab I.D.		Method Blank	90173.16	90173.17	90173.18	90173.19
Client Sample I.D.			C1	C2	C3	C4
Date Sampled			11/09/2017	11/09/2017	11/09/2017	11/09/2017
Date Prepared		11/13/2017	11/13/2017	11/13/2017	11/13/2017	11/13/2017
Preparation Method		3550B	3550B	3550B	3550B	3550B
Date Analyzed		11/13/2017	11/13/2017	11/13/2017	11/13/2017	11/13/2017
Matrix		Solid	Solid	Solid	Solid	Solid
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	1.0	1.0	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	1.0	1.0	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	1.0	1.0	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	1.0	1.0	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	1.0	1.0	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	1.0	1.0	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	1.0	1.0	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	1.0	1.0	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	1.0	1.0	ND	ND	ND	ND
Our Lab I.D.		Method Blank	90173.16	90173.17	90173.18	90173.19
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Decachlorobiphenyl	30-150	126	135	134	140	135
Tetrachloro-m-xylene	30-150	127	135	138	140	130



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Christine Brendle

Page: 15

Project ID: IO# 337761

Project Name: Rosemead Sub. CBS

AETL Job Number	Submitted	Client
90173	11/09/2017	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 111317ZB1A; Dup or Spiked Sample: 90173.13; LCS: Clean Sand; QC Prepared: 11/13/2017; QC Analyzed: 11/13/2017;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.469	93.8	0.500	0.488	97.6	4.0	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.433	86.6	0.500	0.415	83.0	4.2	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0500	0.0560	112	0.0500	0.0520	104	7.4	30-150	<20
Tetrachloro-m-xylene	0.00	0.0500	0.0441	88.2	0.0500	0.0449	89.8	1.8	30-150	<20

QC Batch No: 111317ZB1A; Dup or Spiked Sample: 90173.13; LCS: Clean Sand; QC Prepared: 11/13/2017; QC Analyzed: 11/13/2017;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aroclor-1016 (PCB-1016)	0.500	0.469	93.8	0.500	0.472	94.4	<1	50-150	<20
Aroclor-1260 (PCB-1260)	0.500	0.407	81.4	0.500	0.378	75.6	7.4	50-150	<20
Surrogates									
Decachlorobiphenyl	0.0500	0.0615	123	0.0500	0.0575	115	6.7	30-150	<20
Tetrachloro-m-xylene	0.0500	0.0650	130	0.0500	0.0645	129	<1	30-150	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Christine Brendle

Page: 18

Project ID: IO# 337761

Project Name: Rosemead Sub. CBS

AETL Job Number	Submitted	Client
90173	11/09/2017	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 111317ZB1; Dup or Spiked Sample: 90173.13; LCS: Blank; QC Prepared: 11/13/2017; QC Analyzed: 11/13/2017;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.469	93.8	0.500	0.488	97.6	4.0	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.433	86.6	0.500	0.415	83.0	4.2	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0500	0.0560	112	0.0500	0.0520	104	7.4	30-150	<20
Tetrachloro-m-xylene	0.00	0.0500	0.0441	88.2	0.0500	0.0449	89.8	1.8	30-150	<20

QC Batch No: 111317ZB1; Dup or Spiked Sample: 90173.13; LCS: Blank; QC Prepared: 11/13/2017; QC Analyzed: 11/13/2017;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Aroclor-1016 (PCB-1016)	0.500	0.469	93.8	0.500	0.472	94.4	<1	50-150	<20
Aroclor-1260 (PCB-1260)	0.500	0.407	81.4	0.500	0.378	75.6	7.4	50-150	<20
Surrogates									
Decachlorobiphenyl	0.0500	0.0615	123	0.0500	0.0575	115	6.7	30-150	<20
Tetrachloro-m-xylene	0.0500	0.0650	130	0.0500	0.0645	129	<1	30-150	<20



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

FAX

INCOMPLETE FILE TRANSMITTAL

TO: Holly Asen	LOG NO.: 51231818329
FAX:	File Received: 11/1/2018
From: Special Waste Dept.	Response Date: 11/2/2018
Re: Southern California Edison Rosemead Substation / Non Hazardous Soil	

SECTION I	SECTION II	SECTION III	SECTION IV	SECTION V	SECTION VI
<input type="checkbox"/> DisposalFacility	<input type="checkbox"/> TransporterName	<input type="checkbox"/> NameOfWaste	<input type="checkbox"/> USEPA	<input type="checkbox"/> CharacteristicComponents	<input type="checkbox"/> GenAuthSignature
<input type="checkbox"/> GeneratorName	<input type="checkbox"/> TransporterSiteAddress	<input type="checkbox"/> ProcessGeneratingWaste	<input type="checkbox"/> SampleDate	<input type="checkbox"/> FreeLiquids	<input type="checkbox"/> GenCoName
<input type="checkbox"/> GeneratorSiteAddress	<input type="checkbox"/> TransporterCityStateZip	<input type="checkbox"/> TypeOfWaste	<input type="checkbox"/> CompositeGrab	<input type="checkbox"/> YesNo	<input type="checkbox"/> NoStateLetter
<input type="checkbox"/> GeneratorCityStateZip	<input type="checkbox"/> TransporterMailingAddress	<input type="checkbox"/> PhysicalState	<input type="checkbox"/> SampleID	<input type="checkbox"/> pH_Flash	<input type="checkbox"/> Name_Title
<input type="checkbox"/> GeneratorMailingAddress	<input type="checkbox"/> TransporterContactName	<input type="checkbox"/> MethodOfShipment			<input type="checkbox"/> SignatureDate
<input type="checkbox"/> GeneratorContactName	<input type="checkbox"/> TransporterTelFAX	<input type="checkbox"/> EstimatedAnnualVolume			
<input type="checkbox"/> GeneratorTelFAX		<input type="checkbox"/> Frequency			
<input type="checkbox"/> GeneratorStateID		<input type="checkbox"/> DisposalConsideration			
<input type="checkbox"/> WasteCodeTexas					

ANALYTICALS	TCLP TOTAL METALS	TCLP VOLATILES	TCLP SEMI-VOLATILES	PESTICIDES / HERBICIDE	
<input type="checkbox"/> TotalCyanide	<input type="checkbox"/> Arsenic	<input type="checkbox"/> Benzene	<input type="checkbox"/> Cresols	<input type="checkbox"/> Chlordane	<input type="checkbox"/> LabLetterhead
<input type="checkbox"/> ReactiveCyanide	<input type="checkbox"/> Barium	<input type="checkbox"/> CarbonTetrachloride	<input type="checkbox"/> DichlorobenzeneOne	<input type="checkbox"/> Endrin	<input type="checkbox"/> ChainOfCustody
<input type="checkbox"/> TotalSulfide	<input type="checkbox"/> Cadmium	<input type="checkbox"/> Chlorobenzene	<input type="checkbox"/> DinitrotolueneTwo	<input type="checkbox"/> Heptachlor	<input type="checkbox"/> NoLabSignature
<input type="checkbox"/> ReactiveSulfide	<input type="checkbox"/> Chromium	<input type="checkbox"/> Chloroform	<input type="checkbox"/> Hexachlorobenzene	<input type="checkbox"/> HeptachlorEpoxide	<input type="checkbox"/> ReportOneYearOldPlus
<input type="checkbox"/> TotalPCB	<input type="checkbox"/> Copper	<input type="checkbox"/> DichloroethaneOne	<input type="checkbox"/> Nitrobenzene	<input type="checkbox"/> Lindane	<input type="checkbox"/> NoThirdPartyLab
<input type="checkbox"/> TOX_EOX	<input type="checkbox"/> Lead	<input type="checkbox"/> DichloroethyleneTwo	<input type="checkbox"/> Pentachlorophenol	<input type="checkbox"/> Methoxychlor	<input checked="" type="checkbox"/> MissingReportPages
<input type="checkbox"/> Phenols	<input type="checkbox"/> Mercury	<input type="checkbox"/> MethylEthylKetone	<input type="checkbox"/> Pyridine	<input type="checkbox"/> Toxaphene	<input type="checkbox"/> MissingMSDSPages
<input type="checkbox"/> FlashPoint	<input type="checkbox"/> Selenium	<input type="checkbox"/> Tetrachloroethylene	<input type="checkbox"/> TrichlorophenolFive	<input type="checkbox"/> TwoFourD	<input type="checkbox"/> TotalSulfates
<input type="checkbox"/> pH	<input type="checkbox"/> Silver	<input type="checkbox"/> Trichlorethylene	<input type="checkbox"/> TrichlorophenolSix	<input type="checkbox"/> TwoFourFiveTP	<input type="checkbox"/> TotalSulfur
<input type="checkbox"/> PaintFilter	<input type="checkbox"/> Zinc	<input type="checkbox"/> VinylChloride			<input type="checkbox"/> WrongProfile
<input type="checkbox"/> TPH					
<input type="checkbox"/> BTEX					<input checked="" type="checkbox"/> GeneratorIncomplete

Notes:
 Missing lab report results for 2-3.5, 2.5.0, 3-3.5, 3-5.0, C1, C2, C3 listed as representative on the profile sheet. Need complete lab reports and not data tables.
 Need STLC Arsenic (93mg/kg, 53mg/kg, 105mg/kg) for 1-2.0, 2-0.5, 3-0.5.
 Need TCLP Arsenic (105mg/kg) for 3-0.5.
 Keith

Waste Characterization Investigation Report

Project Name: Rosemead Sub PT Installation Report Date: 9/24/2018
 Report Requester: Gustavo Pizarro SAP/WO Number: 901564002
 WCI Contact: Ryan Castillo Phone: 626-656-0453
 Field Env. Specialist: Christine Parsons Phone: 714-614-6093
 Project Description: Installation of New Potential Transformers

Waste with Special Handling Requirements? Yes No

Material	Hazardous	PCB Waste (>50 ppm)	Non-Hazardous	*Removal Required?	Area	SCE-Approved Disposal Facility
Soil	<input checked="" type="checkbox"/> ETSCE-0041 (arsenic)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Area around HA1 to a depth of 1.5'	Clean Harbors, Buttonwillow, LLC 2500 West Lokern Road, Buttonwillow, CA 93206 (661) 762-6200
Soil	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Area around HA1 between 1.5' and 2.5'. Area around HA2 and HA3 to a depth of 2.5'	Scholl Canyon Landfill 7721 N. Figueroa, Los Angeles, CA 90041 (562) 7699-7411 Sunshine Canyon Landfill 14747 San Fernando Road, Sylmar, CA 91342 (818) 274-9554
Soil	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All project soil deeper than 2.5' can be reused onsite	Sunshine Canyon Landfill 14747 San Fernando Road, Sylmar, CA 91342 (818) 274-9554 Azusa Land Reclamation, Inc. 1211 W. Gladstone Street, Azusa, CA 91702 (626) 334-0719

Attachments:

- A. Site plan showing sample locations
- B. Laboratory data tables
- C. Photos
- D. Laboratory analytical report

Notes:

Ensure disposal facility agrees to accept waste prior to shipping! Coordinate with WCI contact if needed.

If the contractor would like to use a disposal facility not recommended on this cover page, they must get written approval from Field Env. Specialist or WCI contact.

* If Removal Required box is checked, then the material cannot be reused and must go for disposal. If it is not checked, then soil can be reused onsite and concrete/asphalt can be recycled.

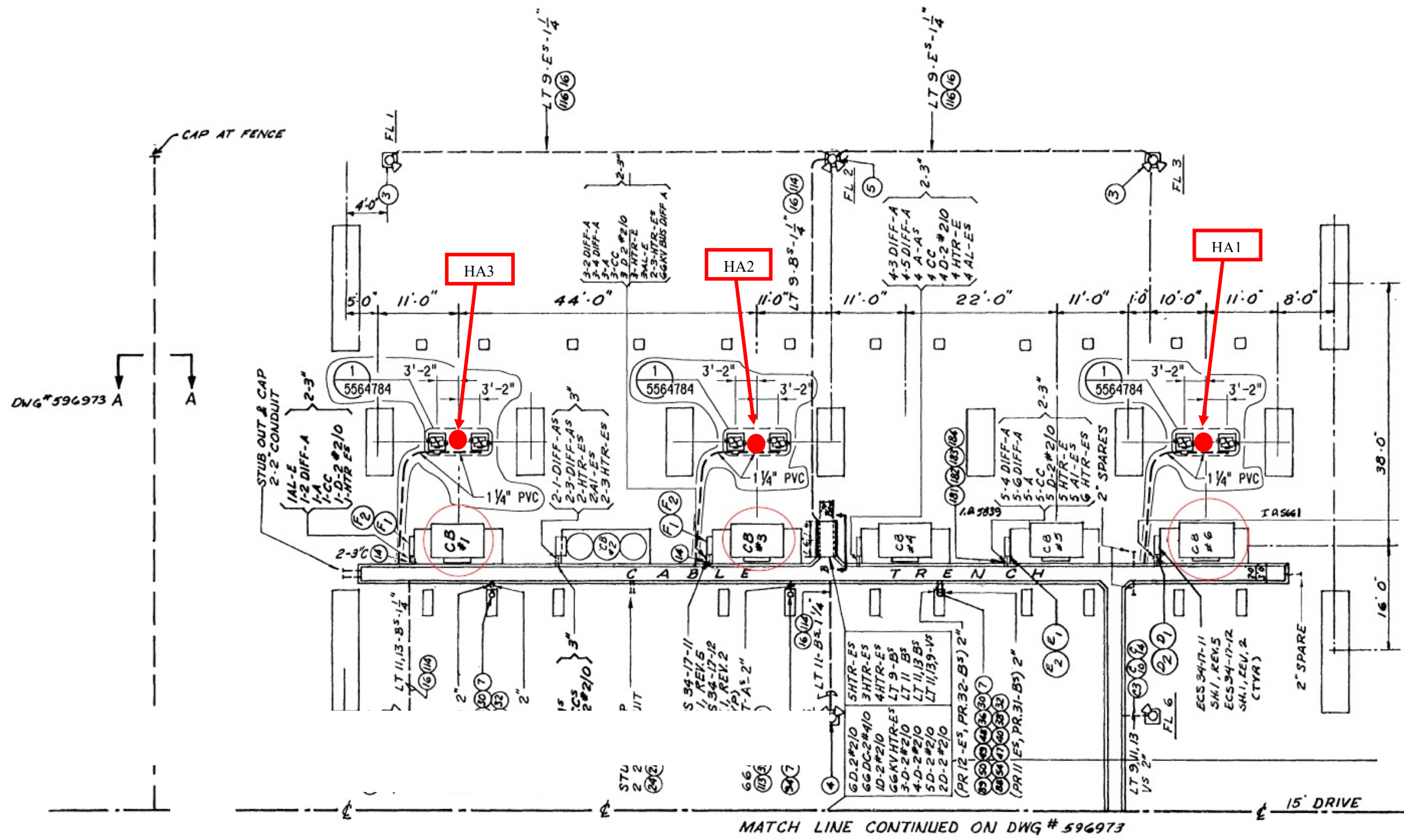
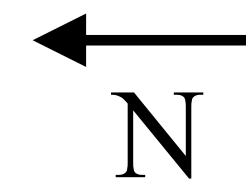
Soil to a depth of 1.5 feet at boring location HA1 is considered hazardous and cannot be reused on site. This soil must go for disposal at Buttonwillow Landfill and coordinated through the listed FES. Non-hazardous soil around HA1 between 1.5' and 2.5' cannot be reused on site and must go for disposal at one of the listed facilities. Non-hazardous soil around HA2 and HA3 to a depth of 2.5' cannot be reused on site and must go for disposal at one of the listed facilities. Non-hazardous soil deeper than 2.5' can be reused on site or be sent to one of the listed facilities. Reach out to WCI contact at least a week before shipping for help in getting in the facilities. Use of facilities outside of those referenced on this page requires written approval from the WCI contact or listed FES.

Prepared by: Peter Lee

Date: 9/24/2018

Attachment C

Site Plan Showing Sampling Locations



Legend

- Hand Auger/Soil Boring Locations

REFERENCE:
Rosemead Substation, Conduit Plan Sheet I, 596972-6

Figure 1

Site Plan Showing Sampling Locations

Rosemead Substation
8533 E. Grand Ave., Rosemead, CA



Attachment B

""""Ncdqt cvqt { 'F cv 'Vcdrg

Attachment B - Laboratory Data Table
Rosemead Substation
8533 E. Grand Ave., Rosemead, CA

Sample Identification:	HA1-0.5'	HA1-2.0'	HA1-3.5'	HA1-5.0'	HA2-0.5'	HA2-2.0'	HA2-3.5'	HA2-5.0'	HA3-0.5'	HA3-2.0'	HA3-3.5'	HA3-5.0'	Screening Levels	Waste Screening Limits			
	Soil													TTLc	STLC x10	TCLP x20	
Sample Matrix:	Soil																
Date Sampled:	9/10/18																
TPH by EPA 8015G/D	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TPH Purgeable (C4 to C12)	<10.0	<10.0	-	-	<10.0	<10.0	-	-	<10.0	<10.0	-	-	110	-	-	-	-
TPH Extractable (C13 to C22)	<10.0	<10.0	-	-	<10.0	<10.0	-	-	<10.0	<10.0	-	-	2,500	-	-	-	-
TPH as Heavy Hydrocarbons (C23 to C40)	<100	<100	-	-	<100	<100	-	-	<100	<100	-	-	2,500	-	-	-	-
Title 22 Metals by EPA 6010B/7000	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	<5.0	<5.0	-	-	<5.0	<5.0	-	-	<5.0	<5.0	-	-	470	500	150	-	-
Arsenic	199	93.7	7.95	<1.0	53.3	24.2	<1.0	<1.0	105	32.8	<1.0	<1.0	12	500	50	100	100
Barium	47.1	45.4	-	-	48.5	42.4	-	-	46.7	42.4	-	-	220,000	10,000	1,000	2,000	-
Beryllium	<2.5	<2.5	-	-	<2.5	<2.5	-	-	<2.5	<2.5	-	-	210*	75	8	-	-
Cadmium	<2.5	<2.5	-	-	<2.5	<2.5	-	-	<2.5	<2.5	-	-	7.2*	100	10	20	-
Chromium	11.5	10.2	-	-	10.3	9.70	-	-	10.1	9.87	-	-	170,000*	2,500	50	100	-
Cobalt	6.20	5.98	-	-	6.29	5.69	-	-	5.94	5.57	-	-	350	8,000	800	-	-
Copper	14.5	13.5	-	-	15.8	13.5	-	-	22.7	12.7	-	-	47,000*	2,500	250	-	-
Lead	<5.0	<5.0	-	-	5.49	<5.0	-	-	5.11	<5.0	-	-	320*	1,000	50	100	-
Mercury	<0.2	<0.2	-	-	<0.2	<0.2	-	-	<0.2	<0.2	-	-	4.5*	20	2	4	-
Molybdenum	<5.0	<5.0	-	-	<5.0	<5.0	-	-	<5.0	<5.0	-	-	5,800	3,500	3,500	-	-
Nickel	6.96	6.33	-	-	6.87	6.33	-	-	6.34	6.25	-	-	3,100*	2,000	200	-	-
Selenium	<5.0	<5.0	-	-	<5.0	<5.0	-	-	<5.0	<5.0	-	-	5,800	100	10	20	-
Silver	<5.0	<5.0	-	-	<5.0	<5.0	-	-	<5.0	<5.0	-	-	1,500*	500	50	100	-
Thallium	<5.0	<5.0	-	-	<5.0	<5.0	-	-	<5.0	<5.0	-	-	12	700	70	-	-
Vanadium	26.3	25.5	-	-	24.4	24.0	-	-	26.6	23.1	-	-	1,000*	2,400	240	-	-
Zinc	64.7	35.0	-	-	1,440	459	-	-	658	638	-	-	350,000	5,000	2,500	-	-
STLC by EPA 6010B-STLC	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	-	-	-	-
Arsenic	7.0	3.54	-	-	1.41	-	-	-	3.33	-	-	-	5	-	-	-	-
TCLP by EPA 6010/7000-TCLP	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	-	-	-	-
Arsenic	0.947	-	-	-	-	-	-	-	<0.50	-	-	-	5	-	-	-	-
PCBs by EPA 8082	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aroclor-1016 (PCB-1016)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	0.78*	50	50	-	-
Aroclor-1221 (PCB-1221)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	0.83	50	50	-	-
Aroclor-1232 (PCB-1232)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	0.72	50	50	-	-
Aroclor-1242 (PCB-1242)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	0.95	50	50	-	-
Aroclor-1248 (PCB-1248)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	0.95	50	50	-	-
Aroclor-1254 (PCB-1254)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	0.97	50	50	-	-
Aroclor-1260 (PCB-1260)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	0.99	50	50	-	-
Aroclor-1262 (PCB-1262)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	-	50	50	-	-
Aroclor-1268 (PCB-1268)	<0.70	<0.70	-	-	<0.70	<0.70	-	-	<0.70	<0.70	-	-	-	50	50	-	-

NOTES:

mg/kg: Milligrams per kilogram (parts per million)

µg/kg: Micrograms per kilogram (parts per billion)

<: Not detected at or above the indicated laboratory practical quantitation limit (PQL)

-: Not analyzed or not available

"D": Indicates the sample was diluted to bring the analyte concentration within the calibration range

PCB: Polychlorinated Biphenyls

STLC: Soluble Threshold Limit Concentration

TCLP: Toxicity Characteristic Leaching Procedure

TPH: Total Petroleum Hydrocarbons

TTLc: Total Threshold Limit Concentration

VOCs: Volatile Organic Compounds

Screening Levels:

TPH: EPA Region 9 Industrial Regional Screening Levels (RSLs), lowest value chosen between Aliphatic/Aromatic

Metals: Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Industrial Human Health Risk

Assessment (HHRA) values denoted by *, all other values EPA Region 9 RSLs

Arsenic: DTSC Regional Background Concentration

PCBs: DTSC HERO Industrial HHRA value denoted by *, all other values EPA Region 9 RSLs

Screening level exceedance
Hazardous waste criteria exceedance
Waste Screening Limit Exceedance (Requires STLC and/or TCLP Test)

Attachment B - Laboratory Data Table

Rosemead Substation

8533 Grand Ave., Rosemead, CA

Sample Identification:	HA4-2.0'	C1	C2	C3	Screening Levels	Waste Screening Limits		
	Soil	Concrete	Concrete	Concrete		TTLc	STLC x10	TCLP x20
Date Sampled:	11/9/17	11/9/17	11/9/17	11/9/17				
TPH by EPA 8015G/D	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TPH Purgeable (C4 to C12)	<10.0	-	-	-	420	-	-	-
TPH Extractable (C13 to C22)	<10.0	-	-	-	440	-	-	-
TPH as Heavy Hydrocarbons (C23 to C40)	<100	-	-	-	33,000	-	-	-
Title 22 Metals by EPA 6010B/7000	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	<5.0	-	-	-	470	500	150	-
Arsenic	41.1	-	-	-	12	500	50	100
Barium	60.2	-	-	-	220,000	10,000	1,000	2,000
Beryllium	<2.5	-	-	-	210*	75	8	-
Cadmium	<2.5	-	-	-	7.3*	100	10	20
Chromium	12.5	-	-	-	170,000*	2,500	50	100
Cobalt	7.90	-	-	-	350	8,000	800	-
Copper	19.6	-	-	-	47,000	2,500	250	-
Lead	<5.0	-	-	-	320*	1,000	50	100
Mercury	<0.2	-	-	-	4.5*	20	2	4
Molybdenum	<5.0	-	-	-	5,800	3,500	3,500	-
Nickel	8.41	-	-	-	3,100*	2,000	200	-
Selenium	<5.0	-	-	-	5,800	100	10	20
Silver	<5.0	-	-	-	1,500*	500	50	100
Thallium	<5.0	-	-	-	12	700	70	-
Vanadium	26.8	-	-	-	1,000*	2,400	240	-
Zinc	43.7	-	-	-	350,000	5,000	2,500	-
PCBs by EPA 8082	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aroclor-1016 (PCB-1016)	<1.0	<1.0	<1.0	<1.0	0.78*	50	50	-
Aroclor-1221 (PCB-1221)	<1.0	<1.0	<1.0	<1.0	0.83	50	50	-
Aroclor-1232 (PCB-1232)	<1.0	<1.0	<1.0	<1.0	0.72	50	50	-
Aroclor-1242 (PCB-1242)	<1.0	<1.0	<1.0	<1.0	0.95	50	50	-
Aroclor-1248 (PCB-1248)	<1.0	<1.0	<1.0	<1.0	0.95	50	50	-
Aroclor-1254 (PCB-1254)	<1.0	<1.0	<1.0	<1.0	0.97	50	50	-
Aroclor-1260 (PCB-1260)	<1.0	<1.0	<1.0	<1.0	0.99	50	50	-
Aroclor-1262 (PCB-1262)	<1.0	<1.0	<1.0	<1.0	-	50	50	-
Aroclor-1268 (PCB-1268)	<1.0	<1.0	<1.0	<1.0	-	50	50	-

Attachment B - Laboratory Data Table

Rosemead Substation

8533 Grand Ave., Rosemead, CA

Sample Identification:	C4	Screening Levels	Waste Screening Limits		
	Sample Matrix: Concrete		TTLC	STLC x10	TCLP x20
Date Sampled:	11/9/17				
TPH by EPA 8015G/D	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TPH Purgeable (C4 to C12)	<10	420	-	-	-
TPH Extractable (C13 to C22)	248	440	-	-	-
TPH as Heavy Hydrocarbons (C23 to C40)	<100	33,000	-	-	-
PCBs by EPA 8082	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aroclor-1016 (PCB-1016)	<1.0	0.78*	50	50	-
Aroclor-1221 (PCB-1221)	<1.0	0.83	50	50	-
Aroclor-1232 (PCB-1232)	<1.0	0.72	50	50	-
Aroclor-1242 (PCB-1242)	<1.0	0.95	50	50	-
Aroclor-1248 (PCB-1248)	<1.0	0.95	50	50	-
Aroclor-1254 (PCB-1254)	<1.0	0.97	50	50	-
Aroclor-1260 (PCB-1260)	<1.0	0.99	50	50	-
Aroclor-1262 (PCB-1262)	<1.0	-	50	50	-
Aroclor-1268 (PCB-1268)	<1.0	-	50	50	-
VOCs by EPA 8260B	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acetone	<0.025	-	-	-	-
Benzene	<0.001	-	-	-	10
Bromobenzene (Phenyl bromide)	<0.005	-	-	-	-
Bromochloromethane	<0.005	-	-	-	-
Bromodichloromethane	<0.005	-	-	-	-
Bromoform (Tribromomethane)	<0.025	-	-	-	-
Bromomethane (Methyl bromide)	<0.015	-	-	-	-
2-Butanone (MEK)	<0.025	-	-	-	-
n-Butylbenzene	<0.005	-	-	-	-
sec-Butylbenzene	<0.005	-	-	-	-
tert-Butylbenzene	<0.005	-	-	-	-
Carbon Disulfide	<0.025	-	-	-	-
Carbon tetrachloride	<0.005	-	-	-	10
Chlorobenzene	<0.005	-	-	-	2,000
Chloroethane	<0.015	-	-	-	-
2-Chloroethyl vinyl ether	<0.050	-	-	-	-
Chloroform (Trichloromethane)	<0.005	-	-	-	120
Chloromethane (Methyl chloride)	<0.015	-	-	-	-
2-Chlorotoluene	<0.005	-	-	-	-
4-Chlorotoluene	<0.005	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	<0.025	-	-	-	-
Dibromochloromethane	<0.005	-	-	-	-
1,2-Dibromoethane (EDB)	<0.005	-	-	-	-
Dibromomethane	<0.005	-	-	-	-
1,2-Dichlorobenzene	<0.005	-	-	-	-
1,3-Dichlorobenzene	<0.005	-	-	-	-
1,4-Dichlorobenzene	<0.005	-	-	-	150
Dichlorodifluoromethane	<0.015	-	-	-	-
1,1-Dichloroethane	<0.005	-	-	-	-
1,2-Dichloroethane (EDC)	<0.005	-	-	-	10
1,1-Dichloroethene	<0.005	-	-	-	14
cis-1,2-Dichloroethene	<0.005	-	-	-	-
trans-1,2-Dichloroethene	<0.005	-	-	-	-
1,2-Dichloropropane	<0.005	-	-	-	-
1,3-Dichloropropane	<0.005	-	-	-	-
2,2-Dichloropropane	<0.005	-	-	-	-
1,1-Dichloropropene	<0.005	-	-	-	-
cis-1,3-Dichloropropene	<0.005	-	-	-	-
trans-1,3-Dichloropropene	<0.005	-	-	-	-
Ethylbenzene	0.00177	-	-	-	-
Hexachlorobutadiene	<0.015	-	-	-	-
2-Hexanone	<0.025	-	-	-	-

Attachment E

Photos



Photograph #1

Description of Photograph:
Sample location HA1 towards Northwest

Site Location:
Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA

Photograph Taken By:
Peter Lee

Date of Photograph:
September 17, 2018



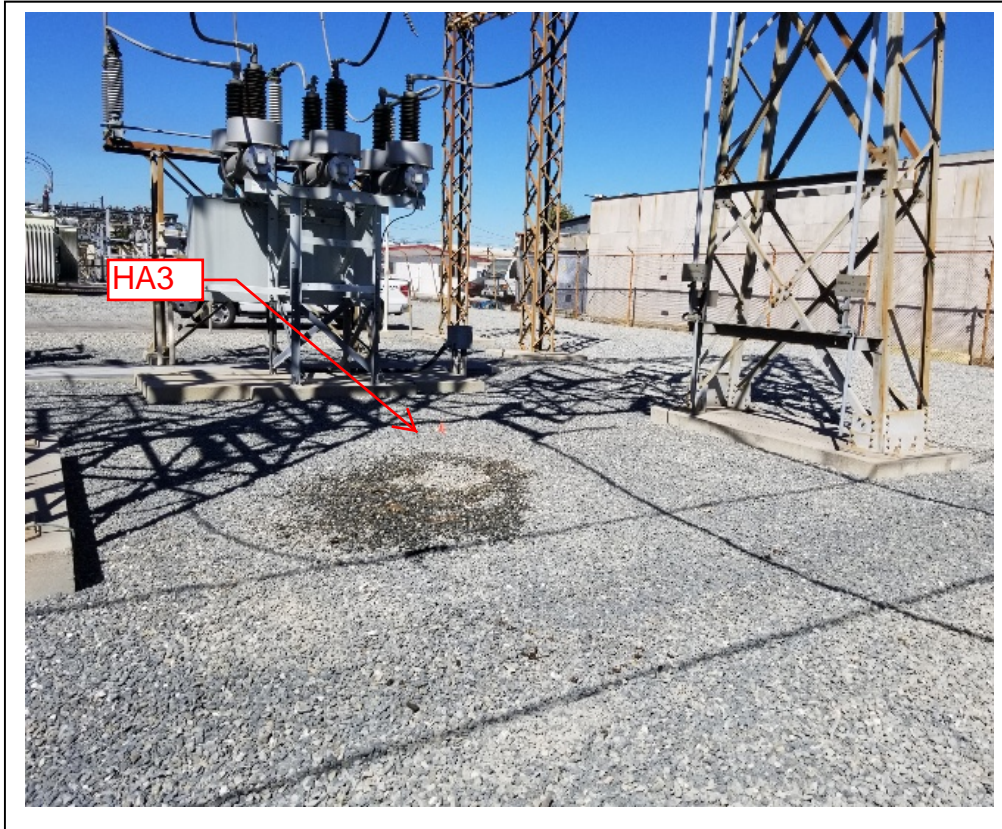
Photograph #2

Description of Photograph::
Sample location HA2 towards Southwest

Site Location:
Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA

Photograph Taken By:
Peter Lee

Date of Photograph:
September 17, 2018



Photograph #3

Description of Photograph:

Sample location HA3 toward Northwest

Site Location:

Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA

Photograph Taken By:

Peter Lee

Date of Photograph:

September 17, 2018

Attachment F

Laboratory Analytical Report



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Number of Pages 14
Date Received 09/18/2018
Date Reported 09/20/2018

Telephone: (909)274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94073	09/18/2018	SCE

Project ID: IO# 337782
Project Name: Rosemead Substation
Site: Rosemead Substation
8533 E. Grand Ave.
Rosemead, CA 91770

Enclosed please find results of analyses of 6 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD 103149

AETL JOB No. **94073** Page **1** of **1**

COMPANY Rubicon collecting samples for SCE PROJECT MANAGER M. Mohan
 COMPANY ADDRESS Ryan Castle PHONE (714) 573-0681
 PROJECT NAME 12831 Newport Ave. #200, Tustin, CA PROJECT # 1009R.202
 SITE NAME AND ADDRESS Rosemead Sub PT Installation Rosemead Substation SE IO: 337782
8533 E. Grand Ave. Rosemead, CA

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED			TEST INSTRUCTIONS & COMMENTS
							TPH	PCBs	Metals	
1	HA1-0.5	94073-01	9/17/18	soil	1 jar		✓	✓	✓	PAL for PCBs: 0.7 mg/kg
2	"	-2.0	94073-02				✓	✓	✓	
3	"	-3.5	94073-03				✓	✓	✓	
4	"	-5.0	94073-04				✓	✓	✓	
5	HA2-0.5	94073-05	1010				✓	✓	✓	
6	"	-2.0	94073-06				✓	✓	✓	
7	"	-3.5	94073-07				✓	✓	✓	
8	"	-5.0	94073-08				✓	✓	✓	
9	HA3-0.5	94073-09	1046				✓	✓	✓	
10	"	-2.0	94073-10				✓	✓	✓	
11	"	-3.5	94073-11				✓	✓	✓	
12	"	-5.0	94073-12				✓	✓	✓	
13										
14										
15										

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 12 PROPERLY COOLED: Y/N/NA
 CUSTODY SEALS: Y(N)/NA SAMPLES INTACT: Y/N/NA
 RECEIVED IN GOOD COND.: Y/N SAMPLES ACCEPTED: Y/N

TURN AROUND TIME
 NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED
 HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RECEIVED BY: 1. Signature: Peter Lee Printed Name: Peter Lee Date: 9/18/18 Time: 1100
 2. Signature: [Signature] Printed Name: [Name] Date: 9/18/18 Time: 1330
 3. Signature: [Signature] Printed Name: [Name] Date: 9/18/18 Time: 1330

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: <u>Edison</u>			
Project Name:			
AETL Job Number: <u>94073</u>			
Date Received: <u>09/18/18</u>		Received by: <u>Anti-</u>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u>1</u>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <u>33</u> , No 2: _____, No 3: _____			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify):			
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
None, <u>HNO₃</u> , <u>NaOH</u> , <u>ZnOAc</u> , <u>HCl</u> , <u>Na₂S₂O₃</u> , <u>MeOH</u>			
Other (Specify):			
	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	<u>Y</u>		
2. Are the Sample labels legible?	<u>Y</u>		
3. Do samples match the COC?	<u>Y</u>		
4. Are the required analyses clear?	<u>Y</u>		
5. Is there enough samples for required analysis?	<u>Y</u>		
6. Are samples sealed with evidence tape?	<u>Y</u>	<u>Y</u>	
7. Are sample containers in good condition?	<u>Y</u>		
8. Are samples preserved?	<u>Y</u>		
9. Are samples preserved properly for the intended analysis?	<u>Y</u>		
10. Are the VOAs free of headspace?	<u>N/A</u>		
11. Are the jars free of headspace?	<u>Y</u>		

Explain all "No" answers for above questions:



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 A

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 337782
Date Received 09/18/2018
Date Reported 09/20/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94073	09/18/2018	SCE

CERTIFICATE OF ANALYSIS CASE NARRATIVE


AETL received 12 samples with the following specification on 09/18/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
94073.01	HA1-0.5'	09/17/2018	Soil	1
94073.02	HA1-2.0'	09/17/2018	Soil	1
94073.05	HA2-0.5'	09/17/2018	Soil	1
94073.06	HA2-2.0'	09/17/2018	Soil	1
94073.09	HA3-0.5'	09/17/2018	Soil	1
94073.10	HA3-2.0'	09/17/2018	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B/7000CAM) ^ SCE	09/20/2018	3	Rush	mg/Kg
(8082) ^ SCE-0.7PPM	09/20/2018	3	Rush	mg/Kg
(M8015D) ^ SCE-C13C40	09/20/2018	3	Rush	mg/Kg
(M8015G) ^ SCE-C4-C12	09/20/2018	3	Rush	mg/Kg
94073.03	HA1-3.5'	09/17/2018	Soil	1
94073.04	HA1-5.0'	09/17/2018	Soil	1
94073.07	HA2-3.5'	09/17/2018	Soil	1
94073.08	HA2-5.0'	09/17/2018	Soil	1
94073.11	HA3-3.5'	09/17/2018	Soil	1
94073.12	HA3-5.0'	09/17/2018	Soil	1
Method ^ Submethod	Req Date	Priority	TAT	Units
ARCHIVE	09/20/2018	3	Rush	--

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 2

Project ID: IO# 337782
 Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 091818OB2

Our Lab I.D.		Method Blank	94073.01	94073.02	94073.05	94073.06
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'
Date Sampled			09/17/2018	09/17/2018	09/17/2018	09/17/2018
Date Prepared		09/18/2018	09/18/2018	09/18/2018	09/18/2018	09/18/2018
Preparation Method		5030	5030	5030	5030	5030
Date Analyzed		09/19/2018	09/19/2018	09/19/2018	09/19/2018	09/19/2018
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
TPH as Gasoline and Light HC. (C4-C12)	10.0	10.0	ND	ND	ND	ND
Our Lab I.D.		Method Blank	94073.01	94073.02	94073.05	94073.06
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Bromofluorobenzene	75-125	110	106	109	104	104



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 3

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 0918180B2

Our Lab I.D.			94073.09	94073.10		
Client Sample I.D.			HA3-0.5'	HA3-2.0'		
Date Sampled			09/17/2018	09/17/2018		
Date Prepared			09/18/2018	09/18/2018		
Preparation Method			5030	5030		
Date Analyzed			09/19/2018	09/19/2018		
Matrix			Soil	Soil		
Units			mg/Kg	mg/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
TPH as Gasoline and Light HC. (C4-C12)	10.0	10.0	ND	ND		
Our Lab I.D.			94073.09	94073.10		
Surrogates	%Rec.Limit		% Rec.	% Rec.		
Bromofluorobenzene	75-125		105	106		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 4

Project ID: IO# 337782
 Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 091918PB1

Our Lab I.D.		Method Blank	94073.01	94073.02	94073.05	94073.06
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'
Date Sampled			09/17/2018	09/17/2018	09/17/2018	09/17/2018
Date Prepared		09/19/2018	09/19/2018	09/19/2018	09/19/2018	09/19/2018
Preparation Method		3550B	3550B	3550B	3550B	3550B
Date Analyzed		09/19/2018	09/19/2018	09/19/2018	09/19/2018	09/19/2018
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	MDL	PQL	Results	Results	Results	Results
TPH as Diesel (C13-C22)	10.0	10.0	ND	ND	ND	ND
TPH as Heavy Hydrocarbons (C23-C40)	100	100	ND	ND	ND	ND
TPH Total as Diesel and Heavy HC.C13-C40	100	100	ND	ND	ND	ND
Our Lab I.D.		Method Blank	94073.01	94073.02	94073.05	94073.06
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.
Chlorobenzene	75-125		87.1	91.0	86.2	92.0



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 5

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 091918PB1

Our Lab I.D.			94073.09	94073.10		
Client Sample I.D.			HA3-0.5'	HA3-2.0'		
Date Sampled			09/17/2018	09/17/2018		
Date Prepared			09/19/2018	09/19/2018		
Preparation Method			3550B	3550B		
Date Analyzed			09/19/2018	09/19/2018		
Matrix			Soil	Soil		
Units			mg/Kg	mg/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
TPH as Diesel (C13-C22)	10.0	10.0	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	100	100	ND	ND		
TPH Total as Diesel and Heavy HC.C13-C40	100	100	ND	ND		
Our Lab I.D.			94073.09	94073.10		
Surrogates	%Rec.Limit		% Rec.	% Rec.		
Chlorobenzene	75-125		88.1	88.8		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 6

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 091918ZB1

Our Lab I.D.		Method Blank	94073.01	94073.02	94073.05	94073.06	
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'	
Date Sampled			09/17/2018	09/17/2018	09/17/2018	09/17/2018	
Date Prepared		09/19/2018	09/19/2018	09/19/2018	09/19/2018	09/19/2018	
Preparation Method		3550B	3550B	3550B	3550B	3550B	
Date Analyzed		09/19/2018	09/19/2018	09/19/2018	09/19/2018	09/19/2018	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Aroclor-1016 (PCB-1016)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1221 (PCB-1221)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1232 (PCB-1232)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1242 (PCB-1242)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1248 (PCB-1248)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1254 (PCB-1254)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1260 (PCB-1260)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1262 (PCB-1262)	0.70	0.70	ND	ND	ND	ND	ND
Aroclor-1268 (PCB-1268)	0.70	0.70	ND	ND	ND	ND	ND
Our Lab I.D.		Method Blank	94073.01	94073.02	94073.05	94073.06	
Surrogates	%Rec.Limit	% Rec.	% Rec.	% Rec.	% Rec.	% Rec.	
Decachlorobiphenyl	30-150	101	108	85.6	98.8	113	
Tetrachloro-m-xylene	30-150	63.2	140	103	109	123	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 7

Project ID: IO# 337782
 Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 091918ZB1

Our Lab I.D.			94073.09	94073.10		
Client Sample I.D.			HA3-0.5'	HA3-2.0'		
Date Sampled			09/17/2018	09/17/2018		
Date Prepared			09/19/2018	09/19/2018		
Preparation Method			3550B	3550B		
Date Analyzed			09/19/2018	09/19/2018		
Matrix			Soil	Soil		
Units			mg/Kg	mg/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Aroclor-1016 (PCB-1016)	0.70	0.70	ND	ND		
Aroclor-1221 (PCB-1221)	0.70	0.70	ND	ND		
Aroclor-1232 (PCB-1232)	0.70	0.70	ND	ND		
Aroclor-1242 (PCB-1242)	0.70	0.70	ND	ND		
Aroclor-1248 (PCB-1248)	0.70	0.70	ND	ND		
Aroclor-1254 (PCB-1254)	0.70	0.70	ND	ND		
Aroclor-1260 (PCB-1260)	0.70	0.70	ND	ND		
Aroclor-1262 (PCB-1262)	0.70	0.70	ND	ND		
Aroclor-1268 (PCB-1268)	0.70	0.70	ND	ND		
Our Lab I.D.			94073.09	94073.10		
Surrogates	%Rec.Limit		% Rec.	% Rec.		
Decachlorobiphenyl	30-150		86.8	94.0		
Tetrachloro-m-xylene	30-150		102	114		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 8

Project ID: IO# 337782
 Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0919182C4

Our Lab I.D.		Method Blank	94073.01	94073.02	94073.05	94073.06	
Client Sample I.D.			HA1-0.5'	HA1-2.0'	HA2-0.5'	HA2-2.0'	
Date Sampled			09/17/2018	09/17/2018	09/17/2018	09/17/2018	
Date Prepared		09/19/2018	09/19/2018	09/19/2018	09/19/2018	09/19/2018	
Preparation Method		3050B	3050B	3050B	3050B	3050B	
Date Analyzed		09/19/2018	09/19/2018	09/19/2018	09/19/2018	09/19/2018	
Matrix		Soil	Soil	Soil	Soil	Soil	
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor		1	1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Antimony	5.0	5.0	ND	ND	ND	ND	ND
Arsenic	2.5	2.5	ND	199	93.7	53.3	24.2
Barium	5.0	5.0	ND	47.1	45.4	48.5	42.4
Beryllium	2.5	2.5	ND	ND	ND	ND	ND
Cadmium	2.5	2.5	ND	ND	ND	ND	ND
Chromium	5.0	5.0	ND	11.5	10.2	10.3	9.70
Cobalt	5.0	5.0	ND	6.20	5.98	6.29	5.69
Copper	5.0	5.0	ND	14.5	13.5	15.8	13.5
Lead	5.0	5.0	ND	ND	ND	5.49	ND
Mercury (By EPA 7471)	0.2	0.2	ND	ND	ND	ND	ND
Molybdenum	5.0	5.0	ND	ND	ND	ND	ND
Nickel	5.0	5.0	ND	6.96	6.33	6.87	6.33
Selenium	5.0	5.0	ND	ND	ND	ND	ND
Silver	5.0	5.0	ND	ND	ND	ND	ND
Thallium	5.0	5.0	ND	ND	ND	ND	ND
Vanadium	5.0	5.0	ND	26.3	25.5	24.4	24.0
Zinc	5.0	5.0	ND	64.7	35.0	1,440	459



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 9

Project ID: IO# 337782
 Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0919182C4

Our Lab I.D.			94073.09	94073.10		
Client Sample I.D.			HA3-0.5'	HA3-2.0'		
Date Sampled			09/17/2018	09/17/2018		
Date Prepared			09/19/2018	09/19/2018		
Preparation Method			3050B	3050B		
Date Analyzed			09/19/2018	09/19/2018		
Matrix			Soil	Soil		
Units			mg/Kg	mg/Kg		
Dilution Factor			1	1		
Analytes	MDL	PQL	Results	Results		
Antimony	5.0	5.0	ND	ND		
Arsenic	2.5	2.5	105	32.8		
Barium	5.0	5.0	46.7	42.4		
Beryllium	2.5	2.5	ND	ND		
Cadmium	2.5	2.5	ND	ND		
Chromium	5.0	5.0	10.1	9.87		
Cobalt	5.0	5.0	5.94	5.57		
Copper	5.0	5.0	22.7	12.7		
Lead	5.0	5.0	5.11	ND		
Mercury (By EPA 7471)	0.2	0.2	ND	ND		
Molybdenum	5.0	5.0	ND	ND		
Nickel	5.0	5.0	6.34	6.25		
Selenium	5.0	5.0	ND	ND		
Silver	5.0	5.0	ND	ND		
Thallium	5.0	5.0	ND	ND		
Vanadium	5.0	5.0	26.6	23.1		
Zinc	5.0	5.0	658	638		



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 10

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0919182C4; Dup or Spiked Sample: 94073.01; LCS: Clean Sand; QC Prepared: 09/19/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	59.0	118	50.0	58.5	117	<1	75-125	<15
Arsenic	199	50.0	236 #	74.0	50.0	234 #	70.0	5.6	75-125	<15
Barium	47.1	50.0	93.0	91.8	50.0	91.3	88.4	3.8	75-125	<15
Beryllium	0.00	50.0	48.5	97.0	50.0	48.8	97.6	<1	75-125	<15
Cadmium	0.00	50.0	48.3	96.6	50.0	49.3	98.6	2.0	75-125	<15
Chromium	11.5	50.0	67.0	111	50.0	66.0	109	1.8	75-125	<15
Cobalt	6.20	50.0	56.1	99.8	50.0	55.6	98.8	1.0	75-125	<15
Copper	14.5	50.0	73.5	118	50.0	72.5	116	1.7	75-125	<15
Lead	0.00	50.0	52.0	104	50.0	51.5	103	<1	75-125	<15
Mercury (By EPA 7471)	0.0530	0.500	0.663	122	0.500	0.673	124	1.6	75-125	<15
Molybdenum	0.00	50.0	55.0	110	50.0	55.0	110	<1	75-125	<15
Nickel	6.96	50.0	52.9	91.9	50.0	52.0	90.1	2.0	75-125	<15
Selenium	0.00	50.0	41.6	83.2	50.0	42.0	84.0	<1	75-125	<15
Silver	0.00	50.0	49.6	99.2	50.0	48.8	97.6	1.6	75-125	<15
Thallium	0.00	50.0	48.7	97.4	50.0	48.7	97.4	<1	75-125	<15
Vanadium	26.3	50.0	78.3	104	50.0	76.8	101	2.9	75-125	<15
Zinc	64.7	50.0	113	96.6	50.0	111	92.6	4.2	75-125	<15

QC Batch No: 0919182C4; Dup or Spiked Sample: 94073.01; LCS: Clean Sand; QC Prepared: 09/19/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Antimony	50.0	56.0	112	50.0	54.5	109	2.7	75-125	<15
Arsenic	50.0	55.0	110	50.0	53.0	106	3.7	75-125	<15
Barium	50.0	46.6	93.2	50.0	47.3	94.6	1.5	75-125	<15
Beryllium	50.0	48.0	96.0	50.0	47.4	94.8	1.3	75-125	<15
Cadmium	50.0	52.0	104	50.0	51.0	102	1.9	75-125	<15
Chromium	50.0	53.5	107	50.0	52.5	105	1.9	75-125	<15
Cobalt	50.0	51.0	102	50.0	50.0	100	2.0	75-125	<15
Copper	50.0	50.0	100	50.0	51.0	102	2.0	75-125	<15
Lead	50.0	49.4	98.8	50.0	48.0	96.0	2.9	75-125	<15
Mercury (By EPA 7471)	0.500	0.485	97.0	0.500	0.495	98.9	1.9	75-125	<15



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Page: 11

Project ID: IO# 337782
Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0919182C4; Dup or Spiked Sample: 94073.01; LCS: Clean Sand; QC Prepared: 09/19/2018; QC Analyzed: 09/19/2018;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Molybdenum	50.0	52.5	105	50.0	51.5	103	1.9	75-125	<15	
Nickel	50.0	50.0	100	50.0	49.1	98.2	1.8	75-125	<15	
Selenium	50.0	57.0	114	50.0	55.0	110	3.6	75-125	<15	
Silver	50.0	48.2	96.4	50.0	48.8	97.6	1.2	75-125	<15	
Thallium	50.0	54.5	109	50.0	53.5	107	1.9	75-125	<15	
Vanadium	50.0	48.5	97.0	50.0	49.1	98.2	1.2	75-125	<15	
Zinc	50.0	55.0	110	50.0	54.0	108	1.8	75-125	<15	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 12

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 091918ZB1; Dup or Spiked Sample: 94066.10; LCS: Clean Sand; QC Prepared: 09/19/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.471	94.2	0.500	0.433	86.6	8.4	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.444	88.8	0.500	0.455	91.0	2.4	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0250	0.0268	107	0.0250	0.0250	100	6.8	30-150	<20
Tetrachloro-m-xylene	0.00	0.0250	0.0273	109	0.0250	0.0226	90.4	18.7	30-150	<20

QC Batch No: 091918ZB1; Dup or Spiked Sample: 94066.10; LCS: Clean Sand; QC Prepared: 09/19/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Aroclor-1016 (PCB-1016)	0.500	0.354	70.8	50-150						
Aroclor-1260 (PCB-1260)	0.500	0.445	89.0	50-150						
Surrogates										
Decachlorobiphenyl	0.0250	0.0285	114	30-150						
Tetrachloro-m-xylene	0.0250	0.0143	57.2	30-150						



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 13

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 091918PB1; Dup or Spiked Sample: 94066.09; LCS: Clean Sand; QC Prepared: 09/19/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	385	77.0	500	400	80.0	3.8	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	82.2	82.2	100	86.5	86.5	5.1	75-125	<20

QC Batch No: 091918PB1; Dup or Spiked Sample: 94066.09; LCS: Clean Sand; QC Prepared: 09/19/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Diesel (C13-C22)	500	520	104	500	505	101	2.9	75-125	<20
Surrogates									
Chlorobenzene	100	84.0	84.0	100	82.4	82.4	1.9	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Rosemead Substation
 8533 E. Grand Ave.
 Rosemead, CA 91770

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 14

Project ID: IO# 337782

Project Name: Rosemead Substation

AETL Job Number	Submitted	Client
94073	09/18/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 091818OB2; Dup or Spiked Sample: 94073.09; LCS: Clean Sand; QC Prepared: 09/18/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.00	1.00	1.05	105	1.00	1.13	113	7.3	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0550	110	0.0500	0.0450	90.0	20.0	75-125	<20

QC Batch No: 091818OB2; Dup or Spiked Sample: 94073.09; LCS: Clean Sand; QC Prepared: 09/18/2018; QC Analyzed: 09/19/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	1.00	1.07	107	1.00	1.01	101	5.8	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0493	98.6	0.0500	0.0525	105	6.3	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above PQL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Number of Pages 6
Date Received 09/18/2018
Date Reported 09/24/2018

Telephone: (909)274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94072	09/18/2018	SCE

Project ID: IO# 339964
Project Name: Lynwood Substation
Site: Lynwood Substation
3200 Mulford Ave.
Lynwood, CA 90262

Enclosed please find results of analyses of 3 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.
 2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD
108146

COMPANY: Ruckon Engineering Corp PROJECT MANAGER: Monsieur Mogan Castillo
 COMPANY ADDRESS: 12831 Newport Ave, Justin, CA 91780 PHONE: 714-573-0081
 PROJECT NAME: Lynwood Substation PROJECT # 1009 R. 202 FAX: 914-573-0082
 SITE NAME AND ADDRESS: Lynwood Substation, 3200 Mulford Ave

AETL JOB No. 94072 Page 1 of 1

ANALYSIS REQUESTED		TEST INSTRUCTIONS & COMMENTS	
Asphalt	Hold	Asphalt PQL = 1.0 mg/kg	
SO ₄	Metals	SO ₄ PQL = 0.7 mg/kg	
PCBs	PCBs	PCBs PQL = 1.0 mg/kg	
		IO# 339964	
		<i>* Requested on</i>	
		<i>9/20/18 @ 7:03 p.m.</i>	
		<i>Chronic</i>	
		<i>Asphalt 6000</i>	
		<i>Site As</i>	

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
Acs	94072.01	9/18/18	9:30	Asphalt	1 Jar	
Acs	94072.02		12:00	↓		
Cc	94072.03		11:30	soil		
H41-0.5	94072.04		10:00	soil		
1c-2.0	94072.05		10:30	↓		
1c-3.5	94072.06		10:45	↓		
1c-5.0	94072.07		1:00	↓		

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	7	PROPERLY COOLED	Y/N/NA	RELINQUISHED BY SAMPLER:	Signature: <u>William</u>	RELINQUISHED BY:	2.
CUSTODY SEALS	Y/N/NA	SAMPLES INTACT	Y/N/NA	Printed Name: <u>Alex Moore</u>	Printed Name:	Signature:	8.
RECEIVED IN GOOD COND.	Y/N	SAMPLES ACCEPTED	Y/N	Date: <u>9/18/18</u>	Date: <u>12:30</u>	Date: <u>9/18/18</u>	Time: <u>13:05</u>
TURN AROUND TIME	<input checked="" type="checkbox"/> RUSH <input type="checkbox"/> SAME DAY <input type="checkbox"/> NEXT DAY <input type="checkbox"/> 2 DAYS <input type="checkbox"/> 3 DAYS	DATA DELIVERABLE REQUIRED		RECEIVED BY:	Signature:	RECEIVED BY LABORATORY:	3.
		<input type="checkbox"/> HARD COPY <input type="checkbox"/> PDF <input type="checkbox"/> GEOTRACKER (GLOBAL ID) <input type="checkbox"/> OTHER (PLEASE SPECIFY)		Printed Name:	Printed Name:	Signature:	Time: <u>13:05</u>
				Date: <u>9/18/18</u>	Date: <u>9/18/18</u>	Date: <u>9/18/18</u>	Time: <u>13:05</u>

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator



American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: <u>Edison</u>			
Project Name:			
AETL Job Number: <u>99072</u>			
Date Received: <u>09/18/18</u>		Received by: <u>Anti-</u>	
Carrier: <input checked="" type="checkbox"/> AETL Courier <input type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (/) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <u>3-3</u> , No 2: _____, No 3: _____			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify):			
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
<input checked="" type="checkbox"/> None, <u>HNO₃</u> , <u>NaOH</u> , <u>ZnOAc</u> , <u>HCl</u> , <u>Na₂S₂O₃</u> , <u>MeOH</u>			
Other (Specify):			
	Yes	No; explain below	Name, if client was notified.
1. Are the COCs Correct?	<u>Y</u>		
2. Are the Sample labels legible?	<u>Y</u>		
3. Do samples match the COC?	<u>Y</u>		
4. Are the required analyses clear?	<u>Y</u>		
5. Is there enough samples for required analysis?	<u>Y</u>		
6. Are samples sealed with evidence tape?		<u>N</u>	
7. Are sample containers in good condition?	<u>Y</u>		
8. Are samples preserved?	<u>Y</u>		
9. Are samples preserved properly for the intended analysis?	<u>Y</u>		
10. Are the VOAs free of headspace?	<u>MS</u>		
11. Are the jars free of headspace?	<u>2</u>		

Explain all "No" answers for above questions:

CYRUS RAZMARA

From: Rubicon - Alex Moreno [amoreno@rubiconeng.com]
Sent: Thursday, September 20, 2018 7:03 PM
To: 'CYRUS RAZMARA'; 'Christine Brendle'; 'Mohsen Mehran'; 'Peter Lee'; 'Roohi Fakhartousi'; 'Ryan Castillo'
Subject: RE: Results of analysis, AETL Job No.: 94072 (In New Summary Table and PDF formats) of 2 soil, 2 asphalt and 1 concrete samples from "Lynwood Substation, Rubicon Project No.: 1009R.202, IO# 339964"

Cyrus,

Please run mentioned analysis with the earliest TAT

Also, please run Arsenic for the 3.5 and 5.0 foot samples that were marked hold on the COC, 24 hr TAT

Thanks,
Alex

From: CYRUS RAZMARA [mailto:cyrus@aetlab.com]
Sent: Thursday, September 20, 2018 6:31 PM
To: amoreno@rubiconeng.com; Christine Brendle; 'Mohsen Mehran'; Peter Lee; Roohi Fakhartousi ; Ryan Castillo
Subject: Results of analysis, AETL Job No.: 94072 (In New Summary Table and PDF formats) of 2 soil, 2 asphalt and 1 concrete samples from "Lynwood Substation, Rubicon Project No.: 1009R.202, IO# 339964"

Hello Ryan, Christine, Mohsen, Peter, Roohi and Alex,

Herewith please find results of analysis (In New Summary Table and PDF formats) of 2 soil, 2 asphalt and 1 concrete samples from "Lynwood Substation, Rubicon Project No.: 1009R.202, IO# 339964" which were received by AETL on 09/18/2018 at 13:25.

AETL Job No: 94072

Please note that the following sample needs **STLC for As**.
HA1-0.5' (94072.04).

If you have any questions, please call me at 888-288-AETL.

Cyrus Razmara Ph.D.
CEO & Laboratory Director
American Environmental Testing Laboratory





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 A

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 339964
Date Received 09/18/2018
Date Reported 09/20/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94072	09/18/2018	SCE

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 7 samples with the following specification on 09/18/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers	
94072.04	HA1-0.5'	09/18/2018	Soil	1	
Method ^ Submethod		Req Date	Priority	TAT	Units
(6010B-STLC) ^ SCE-AS		09/20/2018	3	Rush	mg/L
(6010B/7000CAM) ^ SCE		09/20/2018	3	Rush	mg/Kg
(8082) ^ SCE-0.7PPM		09/20/2018	3	Rush	mg/Kg
(M8015D) ^ SCE-C13C40		09/20/2018	3	Rush	mg/Kg
(M8015G) ^ SCE-C4-C12		09/20/2018	3	Rush	mg/Kg
94072.05	HA1-2.0'	09/18/2018	Soil	1	
Method ^ Submethod		Req Date	Priority	TAT	Units
(6010B/7000CAM) ^ SCE		09/20/2018	3	Rush	mg/Kg
(8082) ^ SCE-0.7PPM		09/20/2018	3	Rush	mg/Kg
(M8015D) ^ SCE-C13C40		09/20/2018	3	Rush	mg/Kg
(M8015G) ^ SCE-C4-C12		09/20/2018	3	Rush	mg/Kg
94072.06	HA1-3.5'	09/18/2018	Soil	1	
94072.07	HA1-5.0'	09/18/2018	Soil	1	
Method ^ Submethod		Req Date	Priority	TAT	Units
(6010BSCAN) ^ SCE-AS-LL		09/20/2018	3	Rush	mg/Kg
Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers	
94072.01	AC1	09/18/2018	Solid	1	
94072.02	AC2	09/18/2018	Solid	1	
Method ^ Submethod		Req Date	Priority	TAT	Units
(6010B/7000CAM) ^ SCE		09/20/2018	3	Rush	mg/Kg
(8082) ^ SCE-1PPM		09/20/2018	3	Rush	mg/Kg
94072.03	C1	09/18/2018	Solid	1	
Method ^ Submethod		Req Date	Priority	TAT	Units
(8082) ^ SCE-1PPM		09/20/2018	3	Rush	mg/Kg

Continued



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 B

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 339964
Date Received 09/18/2018
Date Reported 09/20/2018

Telephone: (909) 274-1646

Attention: Ryan Castillo

Job Number	Order Date	Client
94072	09/18/2018	SCE

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

The samples were analyzed as specified on the enclosed chain of custody. No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By:  _____

Approved By:  _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
3200 Mulford Ave.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 2

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
94072	09/18/2018	SCE

Method: (6010BSCAN), Arsenic by ICP

QC Batch No: 0920182C5

Our Lab I.D.		Method Blank	94072.06	94072.07		
Client Sample I.D.			HA1-3.5'	HA1-5.0'		
Date Sampled			09/18/2018	09/18/2018		
Date Prepared		09/20/2018	09/20/2018	09/20/2018		
Preparation Method		3050B	3050B	3050B		
Date Analyzed		09/21/2018	09/21/2018	09/21/2018		
Matrix		Soil	Soil	Soil		
Units		mg/Kg	mg/Kg	mg/Kg		
Dilution Factor		1	1	1		
Analytes	MDL	PQL	Results	Results	Results	
Arsenic	1.0	1.0	ND	3.46	ND	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lynwood Substation
3200 Mulford Ave.
Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 3

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
94072	09/18/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0921182C6

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			09/21/2018				
Preparation Method			TITLE 22				
Date Analyzed			09/24/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Arsenic (STLC)	0.05	0.05	ND				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 3200 Mulford Ave.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: **4**

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
94072	09/18/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0921182C6

Our Lab I.D.			94072.04				
Client Sample I.D.			HA1-0.5'				
Date Sampled			09/18/2018				
Date Prepared			09/21/2018				
Preparation Method			TITLE 22				
Date Analyzed			09/24/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			10				
Analytes	MDL	PQL	Results				
Arsenic (STLC)	0.50	0.50	3.21				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 3200 Mulford Ave.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 5

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
94072	09/18/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 0921182C6; Dup or Spiked Sample: 93784.30; LCS: Clean Sand; LCS Prepared: 09/21/2018; LCS Analyzed: 09/24/2018;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Arsenic (STLC)	ND	ND	<1	<20						

QC Batch No: 0921182C6; Dup or Spiked Sample: 93784.30; LCS: Clean Sand; LCS Prepared: 09/21/2018; LCS Analyzed: 09/24/2018;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Arsenic (STLC)	10.0	9.85	98.5	10.0	9.97	99.7	1.2	75-125	<20	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lynwood Substation
 3200 Mulford Ave.
 Lynwood, CA 90262

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 6

Project ID: IO# 339964

Project Name: Lynwood Substation

AETL Job Number	Submitted	Client
94072	09/18/2018	SCE

Method: (6010BSCAN), Arsenic by ICP

QC Batch No: 0920182C5; Dup or Spiked Sample: 94073.03; LCS: Clean Sand; QC Prepared: 09/20/2018; QC Analyzed: 09/21/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Arsenic	7.95	50.0	59.6	103	50.0	57.9	99.9	3.06	75-125	<15

QC Batch No: 0920182C5; Dup or Spiked Sample: 94073.03; LCS: Clean Sand; QC Prepared: 09/20/2018; QC Analyzed: 09/21/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Arsenic	50.0	50.9	102	50.0	50.6	101	<1	75-125	<15



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above PQL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference



AGENT SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 5123 18 18329

Agent Billing Information

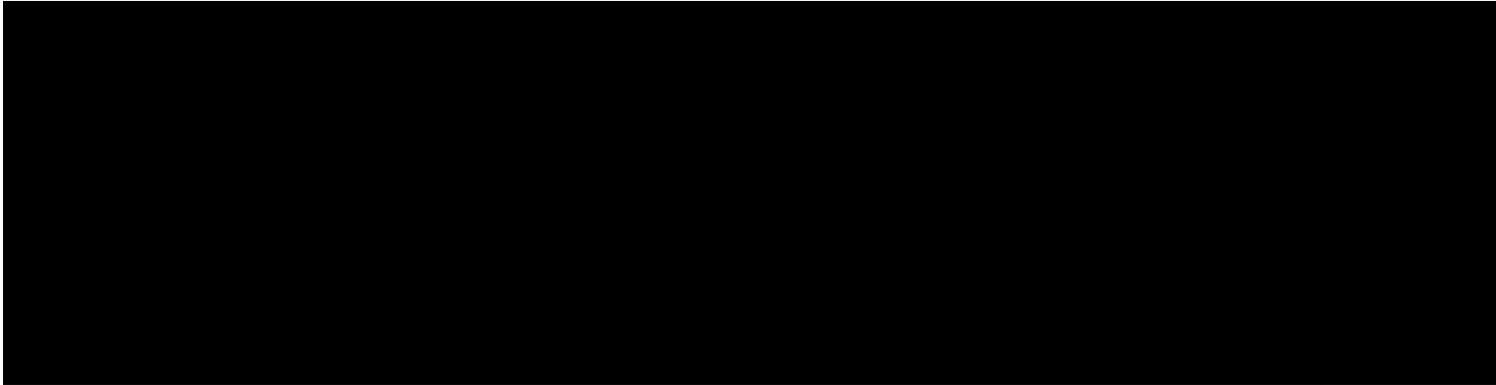
Name: PROFESSIONAL ELECTRICAL CONSTRUCTION
SVCS (ACCT # 321)
Address: 9130 SANTA ANITA AVE
City: RANCHO CUCAMONGA
State: CALIFORNIA Zip: 91730
Phone: 909.373.4100 Fax: _____
Contact: LIBBY HUMBLER

Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.833.6500

Project: SOUTHERN CALIFORNIA EDISON – ROSEMEAD
SUBSTATION County and State
of Origin: LOS ANGELES, CALIFORNIA
Generator Address: 8533 E GRAND AVE, ROSEMEAD
Additional Information: _____

1. **Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
2. **Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 11 months, commencing 11/6/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT

Libby Humbles
SIGNATURE (AUTHORIZED REPRESENTATIVE)
Libby Humbles, Contracts Mgr.
NAME AND TITLE (PLEASE PRINT)
11/6/18
DATE

REPUBLIC SERVICES, INC/COMP

Edward Antolin
SIGNATURE (AUTHORIZED REPRESENTATIVE)
EDWARD ANTOLIN MESE
NAME AND TITLE (PLEASE PRINT)
11/6/18
DATE

Terms and Conditions of Agent Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.
8. **Rights of Refusal/Rejection.** The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Agent within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.
11. **Termination.** Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Agent being allowed on Facility premises, Agent shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire, or be changed without thirty (30) days advance written notice to the Company. Agent warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.


15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement:

- (A) A petition for reorganization or bankruptcy filed by or against the Agent.
- (B) Failure by Agent to pay any amounts due to Company.
- (C) Any breach by Agent of any of its obligations pursuant to the Agreement.

Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous.**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Agent represents, warrants and covenants that it is and during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.
21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.
22. **Liquidated Damages.** In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

AGENT: 

Republic Services, INC./COMPANY:



May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 51231818852	Expiration Date 3/28/2019	
I. Decision Request:	<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change		
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: SOUTHERN CALIFORNIA EDISON - LAKEWOOD SUBSTATION			
Generator Site Address: 3946 N BELLFLOWER BLVD			
City: LONG BEACH	County:	State: CA	Zip:
Name of Waste: NON HAZ SOIL			
Estimated Annual Volume: 15 Tons			

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: *Joseph M. Sorokach*
Date: 11/9/2018

Name (Printed): Joseph Sorokach

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____
Date: 11/9/2018

Name (Printed): *Chris Coylo*



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile # 5123 18 18852

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Sales Rep #: 585

I. Generator Information

Generator Name: Southern California Edison - Lakewood Sub			
Generator Site Address: 3946 N. BELLFLOWER BLVD.			
City: LONG BEACH	County: LA	State: California	Zip: 90808
State ID/Reg No: NA	State Approval/Waste Code: NA (if applicable)		NAICS #: NA
Generator Mailing Address (if different): <input checked="" type="checkbox"/> Po Box 700			
City: Rosemead	County: LA	State: California	Zip: 91770
Generator Contact Name: Ryan Castillo		Email: ryan.castillo@sce.com	
Phone Number: (626) 656-0453	Ext:	Fax Number:	

II. Billing Information

Bill To: Roberson Waite Electric	Contact Name: John O'Neill		
Billing Address: 16512 Burke Ln		Email: john.oneill@roberson-waite.com	
City: Huntington Beach	State: CA	Zip: 92647	Phone: (714) 698-0930

III. Waste Stream Information

Name of Waste: Non-hazardous soil	
Process Generating Waste: Replacing electrical equipment from a substation. Generating site is a substation, which functions as critical infrastructure for the electrical grid.	
Type of Waste:	<input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	15 Tons
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input checked="" type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample:	<input type="checkbox"/> COMPOSITE SAMPLE <input checked="" type="checkbox"/> GRAB SAMPLE
Sample Date: 9/27/18	
Sample ID Numbers: HA1-0.5', HA1-2.0' Note that C1, C2, and C3 will not be sent to Sunshine Canyon.	

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components		% by Weight (range)			
1. Soil		100			
2.					
3.					
4.					
5.					
Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
Normal	None	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100	NA	NA °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Ryan Castillo, Program Mgr

SCE

Authorized Representative Name And Title (Type or Print)

Company Name



11/9/18

Authorized Representative Signature

Date



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Number of Pages 12
Date Received 09/27/2018
Date Reported 09/28/2018

Telephone: (909)274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94199	09/27/2018	SCE

Project ID: IO# 341817
Project Name: Lakewood Sub. Transformer
Site: Lakewood Substation
3946 N. Bellflower Blvd.
Long Beach, CA 90808

Enclosed please find results of analyses of 2 soil and 3 concrete samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD

108135

94199

Page 1 of 1

COMPANY <u>Northgate for SCE</u>		PROJECT MANAGER <u>Bryan Castillo/SCE</u>		AETL JOB No. <u>94199</u>																																																													
COMPANY ADDRESS <u>24411 Ridge Route Dr, Laguna Hills</u>		PHONE <u>(949) 310-6024</u>		ANALYSIS REQUESTED																																																													
PROJECT NAME <u>Lakewood Sub Transformer</u>		PROJECT # <u>To # 341817</u> <u>SAP # 901455863</u>																																																															
SITE NAME AND ADDRESS <u>Lakewood Substation</u> <u>3946 N. Bellflower Blvd, Long Beach</u>		PO #		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">PCBS-EPA 8082</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH-8015B</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Title 22 Metals - EPA 8085/7471A</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">VOCs-EPA 8160B</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>		PCBS-EPA 8082	TPH-8015B	Title 22 Metals - EPA 8085/7471A	VOCs-EPA 8160B																																																								
PCBS-EPA 8082	TPH-8015B	Title 22 Metals - EPA 8085/7471A	VOCs-EPA 8160B																																																														
SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	TEST INSTRUCTIONS & COMMENTS																																																										
HA1-0.5'	94199.01	9/27/18	0800	Soil	1/8pt Jar	Ice	PQL for PCBs-soil = 0.7mg/kg PQL for PCBs-conc = 1.0mg/l Analyze for VOCs only If TPH detected then oil on sample w/ highest TPH.																																																										
HA1-2.0'	94199.02	↓	0810	↓	↓	↓																																																											
HA1-3.5'	94199.03	↓	0820	↓	↓	↓	HOLD																																																										
HA1-5.0'	94199.04	↓	0830	↓	↓	↓	HOLD																																																										
C1	94199.05	↓	0835	Concrete	1/4oz Jar	↓																																																											
C2	94199.06	↓	0845	↓	↓	↓																																																											
C3	94199.07	↓	0900	↓	↓	↓																																																											

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY				RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
TOTAL NUMBER OF CONTAINERS	7	PROPERLY COOLED	Y/N/NA	Signature: <u>LEM</u>	Signature: /	Signature: /
CUSTODY SEALS	Y/N/NA	SAMPLES INTACT	Y/N/NA	Printed Name: <u>LEM KAMALI</u>	Printed Name: /	Printed Name: /
RECEIVED IN GOOD COND.	Y/N	SAMPLES ACCEPTED	Y/N	Date: <u>9/27/18</u> Time: <u>1050</u>	Date: / Time: /	Date: / Time: /
TURN AROUND TIME		DATA DELIVERABLE REQUIRED		RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY LABORATORY: 3.
<input type="checkbox"/> NORMAL	<input checked="" type="checkbox"/> RUSH	<input type="checkbox"/> HARD COPY	<input type="checkbox"/> PDF	Signature: /	Signature: /	Signature: <u>AETL</u>
<input type="checkbox"/> SAME DAY	<input checked="" type="checkbox"/> NEXT DAY	<input type="checkbox"/> GEOTRACKER (GLOBAL ID)	<input type="checkbox"/> OTHER (PLEASE SPECIFY)	Printed Name: /	Printed Name: /	Printed Name: /
<input type="checkbox"/> 2 DAYS	<input type="checkbox"/> 3 DAYS			Date: / Time: /	Date: / Time: /	Date: <u>9/27/18</u> Time: <u>1050</u>



American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

COOLER RECEIPT FORM

Client Name: <u>Edison</u>			
Project Name:			
AETL Job Number: <u>99199</u>			
Date Received: <u>09/27/18</u>		Received by: <u>Antin</u>	
Carrier: <input type="checkbox"/> AETL Courier <input checked="" type="checkbox"/> Client <input type="checkbox"/> GSO <input type="checkbox"/> FedEx <input type="checkbox"/> UPS			
<input type="checkbox"/> Others:			
Samples were received in: <input checked="" type="checkbox"/> Cooler (<u>✓</u>) <input type="checkbox"/> Other (Specify):			
Inside temperature of shipping container No 1: <u>3.3</u> , No 2: _____, No 3: _____			
Type of sample containers: <input type="checkbox"/> VOA, <input type="checkbox"/> Glass bottles, <input checked="" type="checkbox"/> Wide mouth jars, <input type="checkbox"/> HDPE bottles, <input type="checkbox"/> Metal sleeves, <input type="checkbox"/> Others (Specify):			
How are samples preserved: <input type="checkbox"/> None, <input checked="" type="checkbox"/> Ice, <input type="checkbox"/> Blue Ice, <input type="checkbox"/> Dry Ice			
<input checked="" type="checkbox"/> None, <u>HNO₃</u> , <u>NaOH</u> , <u>ZnOAc</u> , <u>HCl</u> , <u>Na₂S₂O₃</u> , <u>MeOH</u>			
<input type="checkbox"/> Other (Specify):			
	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	<u>RR</u>		
2. Are the Sample labels legible?	<u>RR</u>		
3. Do samples match the COC?	<u>RR</u>		
4. Are the required analyses clear?	<u>RR</u>		
5. Is there enough samples for required analysis?	<u>RR</u>		
6. Are samples sealed with evidence tape?		<u>2</u>	
7. Are sample containers in good condition?	<u>RR</u>		
8. Are samples preserved?	<u>RR</u>		
9. Are samples preserved properly for the intended analysis?	<u>RR</u>		
10. Are the VOAs free of headspace?	<u>N/A</u>		
11. Are the jars free of headspace?	<u>↓</u>		

Explain all "No" answers for above questions:



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 A

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 341817
Date Received 09/27/2018
Date Reported 09/28/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94199	09/27/2018	SCE

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 7 samples with the following specification on 09/27/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers		
94199.01	HA1-0.5'	09/27/2018	Soil	1		
94199.02	HA1-2.0'	09/27/2018	Soil	1		
	Method ^ Submethod	Req Date	Priority	TAT	Units	
	(6010B/7000CAM) ^ SCE	09/28/2018	2	Rush	mg/Kg	
	(8082) ^ SCE-0.7PPM	09/28/2018	2	Rush	mg/Kg	
	(M8015D) ^ SCE-C13C40	09/28/2018	2	Rush	mg/Kg	
	(M8015G) ^ SCE-C4-C12	09/28/2018	2	Rush	mg/Kg	
94199.03	HA1-3.5'	09/27/2018	Soil	1		
94199.04	HA1-5.0'	09/27/2018	Soil	1		
	Method ^ Submethod	Req Date	Priority	TAT	Units	
	ARCHIVE	09/28/2018	2	Rush	--	
Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers		
94199.05	C1	09/27/2018	Solid	1		
94199.06	C2	09/27/2018	Solid	1		
94199.07	C3	09/27/2018	Solid	1		
	Method ^ Submethod	Req Date	Priority	TAT	Units	
	(8082) ^ SCE-1PPM	09/28/2018	2	Rush	mg/Kg	

The samples were analyzed as specified on the enclosed chain of custody. No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: 

Approved By: 

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 2

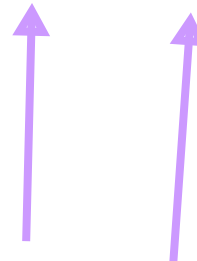
Project ID: IO# 341817
 Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 092718OB1

Our Lab I.D.			Method Blank	94199.01	94199.02		
Client Sample I.D.				HA1-0.5'	HA1-2.0'		
Date Sampled				09/27/2018	09/27/2018		
Date Prepared			09/27/2018	09/27/2018	09/27/2018		
Preparation Method			5030	5030	5030		
Date Analyzed			09/27/2018	09/27/2018	09/27/2018		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Gasoline and Light HC. (C4-C12)	10.0	10.0	ND	ND	ND		
Our Lab I.D.			Method Blank	94199.01	94199.02		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Bromofluorobenzene	75-125		108	110	112		





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 3

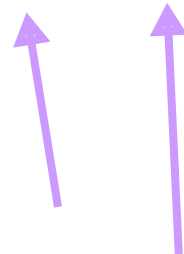
Project ID: IO# 341817
 Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 092718DB1

Our Lab I.D.			Method Blank	94199.01	94199.02		
Client Sample I.D.				HA1-0.5'	HA1-2.0'		
Date Sampled				09/27/2018	09/27/2018		
Date Prepared			09/27/2018	09/27/2018	09/27/2018		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			09/27/2018	09/27/2018	09/27/2018		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
TPH as Diesel (C13-C22)	10.0	10.0	ND	ND	ND		
TPH as Heavy Hydrocarbons (C23-C40)	100	100	ND	ND	ND		
TPH Total as Diesel and Heavy HC.C13-C40	100	100	ND	ND	ND		
Our Lab I.D.			Method Blank	94199.01	94199.02		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Chlorobenzene	75-125		87.4	95.0	105		





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 4

Project ID: IO# 341817

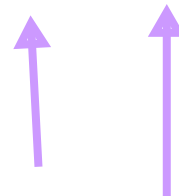
Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 092818ZB1

Our Lab I.D.			Method Blank	94199.01	94199.02		
Client Sample I.D.				HA1-0.5'	HA1-2.0'		
Date Sampled				09/27/2018	09/27/2018		
Date Prepared			09/28/2018	09/28/2018	09/28/2018		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			09/28/2018	09/28/2018	09/28/2018		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
Aroclor-1016 (PCB-1016)	0.70	0.70	ND	ND	ND		
Aroclor-1221 (PCB-1221)	0.70	0.70	ND	ND	ND		
Aroclor-1232 (PCB-1232)	0.70	0.70	ND	ND	ND		
Aroclor-1242 (PCB-1242)	0.70	0.70	ND	ND	ND		
Aroclor-1248 (PCB-1248)	0.70	0.70	ND	ND	ND		
Aroclor-1254 (PCB-1254)	0.70	0.70	ND	ND	ND		
Aroclor-1260 (PCB-1260)	0.70	0.70	ND	ND	ND		
Aroclor-1262 (PCB-1262)	0.70	0.70	ND	ND	ND		
Aroclor-1268 (PCB-1268)	0.70	0.70	ND	ND	ND		
Our Lab I.D.			Method Blank	94199.01	94199.02		
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.		
Decachlorobiphenyl	30-150		115	123	125		
Tetrachloro-m-xylene	30-150		117	148	143		





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 5

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 092818ZB1C

Our Lab I.D.			Method Blank	94199.05	94199.06	94199.07	
Client Sample I.D.				C1	C2	C3	
Date Sampled				09/27/2018	09/27/2018	09/27/2018	
Date Prepared			09/28/2018	09/28/2018	09/28/2018	09/28/2018	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			09/28/2018	09/28/2018	09/28/2018	09/28/2018	
Matrix			Solid	Solid	Solid	Solid	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	MDL	PQL	Results	Results	Results	Results	
Aroclor-1016 (PCB-1016)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1221 (PCB-1221)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1232 (PCB-1232)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1242 (PCB-1242)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1248 (PCB-1248)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1254 (PCB-1254)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1260 (PCB-1260)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1262 (PCB-1262)	1.0	1.0	ND	ND	ND	ND	
Aroclor-1268 (PCB-1268)	1.0	1.0	ND	ND	ND	ND	
Our Lab I.D.			Method Blank	94199.05	94199.06	94199.07	
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	
Decachlorobiphenyl	30-150		115	129	145	141	
Tetrachloro-m-xylene	30-150		117	116	114	111	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 6

Project ID: IO# 341817

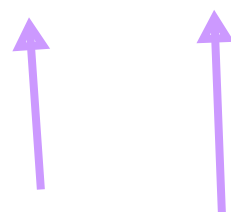
Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0927182C1

Our Lab I.D.			Method Blank	94199.01	94199.02		
Client Sample I.D.				HA1-0.5'	HA1-2.0'		
Date Sampled				09/27/2018	09/27/2018		
Date Prepared			09/27/2018	09/27/2018	09/27/2018		
Preparation Method			3050B	3050B	3050B		
Date Analyzed			09/28/2018	09/28/2018	09/28/2018		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	MDL	PQL	Results	Results	Results		
Antimony	5.0	5.0	ND	ND	ND		
Arsenic	2.5	2.5	ND	58.3	ND		
Barium	5.0	5.0	ND	114	115		
Beryllium	2.5	2.5	ND	ND	ND		
Cadmium	2.5	2.5	ND	ND	ND		
Chromium	5.0	5.0	ND	18.6	17.5		
Cobalt	5.0	5.0	ND	9.67	9.62		
Copper	5.0	5.0	ND	35.8	35.5		
Lead	5.0	5.0	ND	5.01	ND		
Mercury (By EPA 7471)	0.2	0.2	ND	ND	ND		
Molybdenum	5.0	5.0	ND	ND	ND		
Nickel	5.0	5.0	ND	13.7	13.3		
Selenium	5.0	5.0	ND	ND	ND		
Silver	5.0	5.0	ND	ND	ND		
Thallium	5.0	5.0	ND	ND	ND		
Vanadium	5.0	5.0	ND	37.1	40.9		
Zinc	5.0	5.0	ND	57.4	53.2		





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 7

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0927182C1; Dup or Spiked Sample: 94199.01; LCS: Clean Sand; QC Prepared: 09/27/2018; QC Analyzed: 09/28/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Antimony	0.00	50.0	55.5	111	50.0	56.0	112	<1	75-125	<15
Arsenic	58.3	50.0	105	93.4	50.0	105	93.4	<1	75-125	<15
Barium	114	50.0	159	90.0	50.0	159	90.0	<1	75-125	<15
Beryllium	0.00	50.0	48.5	97.0	50.0	48.8	97.6	<1	75-125	<15
Cadmium	0.00	50.0	48.4	96.8	50.0	49.0	98.0	1.2	75-125	<15
Chromium	18.6	50.0	65.7	94.2	50.0	66.4	95.6	1.5	75-125	<15
Cobalt	9.67	50.0	55.2	91.1	50.0	55.6	91.9	<1	75-125	<15
Copper	35.8	50.0	89.8	108	50.0	89.3	107	<1	75-125	<15
Lead	5.01	50.0	48.2	86.4	50.0	48.6	87.2	<1	75-125	<15
Mercury (By EPA 7471)	0.0380	0.500	0.613	115	0.500	0.608	114	<1	75-125	<15
Molybdenum	0.00	50.0	48.1	96.2	50.0	48.1	96.2	<1	75-125	<15
Nickel	13.7	50.0	56.7	86.0	50.0	57.1	86.8	<1	75-125	<15
Selenium	0.00	50.0	38.4	76.8	50.0	38.8	77.6	1.0	75-125	<15
Silver	0.00	50.0	45.6	91.2	50.0	45.9	91.8	<1	75-125	<15
Thallium	0.00	50.0	39.6	79.2	50.0	40.1	80.2	1.3	75-125	<15
Vanadium	37.1	50.0	86.6	99.0	50.0	87.1	100	1.0	75-125	<15
Zinc	57.4	50.0	103	91.2	50.0	103	91.2	<1	75-125	<15

QC Batch No: 0927182C1; Dup or Spiked Sample: 94199.01; LCS: Clean Sand; QC Prepared: 09/27/2018; QC Analyzed: 09/28/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
Antimony	50.0	53.5	107	50.0	53.5	107	<1	75-125	<15
Arsenic	50.0	51.0	102	50.0	51.0	102	<1	75-125	<15
Barium	50.0	50.5	101	50.0	50.5	101	<1	75-125	<15
Beryllium	50.0	51.5	103	50.0	51.5	103	<1	75-125	<15
Cadmium	50.0	53.5	107	50.0	53.0	106	<1	75-125	<15
Chromium	50.0	50.5	101	50.0	50.0	100	<1	75-125	<15
Cobalt	50.0	52.5	105	50.0	52.0	104	<1	75-125	<15
Copper	50.0	51.5	103	50.0	51.5	103	<1	75-125	<15
Lead	50.0	51.0	102	50.0	51.0	102	<1	75-125	<15



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Page: 8

Project ID: IO# 341817
Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (6010B/7000CAM), Title 22 Metals (SW-846)

QC Batch No: 0927182C1; Dup or Spiked Sample: 94199.01; LCS: Clean Sand; QC Prepared: 09/27/2018; QC Analyzed: 09/28/2018;
Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Mercury (By EPA 7471)	0.500	0.459	91.8	0.500	0.452	90.4	1.5	75-125	<15	
Molybdenum	50.0	50.5	101	50.0	50.0	100	<1	75-125	<15	
Nickel	50.0	51.5	103	50.0	51.0	102	<1	75-125	<15	
Selenium	50.0	51.5	103	50.0	51.0	102	<1	75-125	<15	
Silver	50.0	48.7	97.4	50.0	48.5	97.0	<1	75-125	<15	
Thallium	50.0	51.0	102	50.0	50.5	101	<1	75-125	<15	
Vanadium	50.0	51.0	102	50.0	51.0	102	<1	75-125	<15	
Zinc	50.0	53.0	106	50.0	52.5	105	<1	75-125	<15	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 9

Project ID: IO# 341817
 Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 092818ZB1; Dup or Spiked Sample: 94192.08; LCS: Clean Sand; QC Prepared: 09/28/2018; QC Analyzed: 09/28/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.429	85.8	0.500	0.499	99.8	15.1	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.394	78.8	0.500	0.388	77.6	1.5	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0250	0.0268	107	0.0250	0.0250	100	6.8	30-150	<20
Tetrachloro-m-xylene	0.00	0.0250	0.0207	82.8	0.0250	0.0270	108	26.4	30-150	<20

QC Batch No: 092818ZB1; Dup or Spiked Sample: 94192.08; LCS: Clean Sand; QC Prepared: 09/28/2018; QC Analyzed: 09/28/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Aroclor-1016 (PCB-1016)	0.500	0.354	70.8	50-150						
Aroclor-1260 (PCB-1260)	0.500	0.431	86.2	50-150						
Surrogates										
Decachlorobiphenyl	0.0250	0.0300	120	30-150						
Tetrachloro-m-xylene	0.0250	0.0363	145	30-150						



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 10

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (M8015D), TPH as Diesel and Heavy Hydrocarbons Using GC/FID

QC Batch No: 092718DB1; Dup or Spiked Sample: 94162.06; LCS: Clean Sand; QC Prepared: 09/27/2018; QC Analyzed: 09/27/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Diesel (C13-C22)	0.00	500	456	91.2	500	488	97.6	6.8	75-125	<20
Surrogates										
Chlorobenzene	0.00	100	89.0	89.0	100	94.0	94.0	5.5	75-125	<20

QC Batch No: 092718DB1; Dup or Spiked Sample: 94162.06; LCS: Clean Sand; QC Prepared: 09/27/2018; QC Analyzed: 09/27/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Diesel (C13-C22)	500	448	89.6	500	465	93.0	3.7	75-125	<20
Surrogates									
Chlorobenzene	100	85.9	85.9	100	88.7	88.7	3.2	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 11

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (M8015G), TPH as Gasoline and Light Hydrocarbons Using GC/FID

QC Batch No: 092718OB1; Dup or Spiked Sample: 94199.02AGA; LCS: Clean Sand; QC Prepared: 09/27/2018; QC Analyzed: 09/27/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	0.00990	1.00	1.26	125	1.00	1.18	117	6.6	75-125	<20
Surrogates										
Bromofluorobenzene	0.00	0.0500	0.0489	97.8	0.0500	0.0560	112	13.5	75-125	<20

QC Batch No: 092718OB1; Dup or Spiked Sample: 94199.02AGA; LCS: Clean Sand; QC Prepared: 09/27/2018; QC Analyzed: 09/27/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit
TPH as Gasoline and Light HC. (C4-C12)	1.00	1.00	100	1.00	1.12	112	11.3	75-125	<20
Surrogates									
Bromofluorobenzene	0.0500	0.0550	110	0.0500	0.0575	115	4.4	75-125	<20



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 12

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (8082), Polychlorinated Biphenyls (PCBs) by GC

QC Batch No: 092818ZB1C; Dup or Spiked Sample: 94192.08; LCS: Blank; QC Prepared: 09/28/2018; QC Analyzed: 09/28/2018;
 Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Aroclor-1016 (PCB-1016)	0.00	0.500	0.429	85.8	0.500	0.499	99.8	15.1	50-150	<20
Aroclor-1260 (PCB-1260)	0.00	0.500	0.394	78.8	0.500	0.388	77.6	1.5	50-150	<20
Surrogates										
Decachlorobiphenyl	0.00	0.0250	0.0268	107	0.0250	0.0250	100	6.8	30-150	<20
Tetrachloro-m-xylene	0.00	0.0250	0.0207	82.8	0.0250	0.0270	108	26.4	30-150	<20

QC Batch No: 092818ZB1C; Dup or Spiked Sample: 94192.08; LCS: Blank; QC Prepared: 09/28/2018; QC Analyzed: 09/28/2018;
 Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Aroclor-1016 (PCB-1016)	0.500	0.515	103	50-150						
Aroclor-1260 (PCB-1260)	0.500	0.431	86.2	50-150						
Surrogates										
Decachlorobiphenyl	0.0250	0.0300	120	30-150						
Tetrachloro-m-xylene	0.0250	0.0363	145	30-150						



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above PQL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Number of Pages 4
Date Received 09/27/2018
Date Reported 10/03/2018

Telephone: (909)274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94199	09/27/2018	SCE

Project ID: IO# 341817
Project Name: Lakewood Sub. Transformer
Site: Lakewood Substation
3946 N. Bellflower Blvd.
Long Beach, CA 90808

Enclosed please find results of analyses of 1 soil sample which was analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.
 2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

CHAIN OF CUSTODY RECORD
 108135

94199

Page 1 of 1

COMPANY: Northgate for SCE
 PROJECT MANAGER: Brian Castillo / Scott Joni Fisher / Northgate
 COMPANY ADDRESS: 24411 Ridge Route Dry Laguna Hills
 PHONE: (949) 310-6024
 PROJECT NAME: Lakewood Sub Transformer
 PROJECT # 1041341817
 ADDRESS: Lakewood Substation
 PO # SR# 901455863
 SITE NAME AND ADDRESS: 3946 N. Bellflower Blvd, Long Beach

SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	ANALYSIS REQUESTED				TEST INSTRUCTIONS & COMMENTS
							PCBS-EPA 8082	TPH-8015B	VOCs-EPA 8160B	AS	
HA1-0-5'	94199.01	9/27/18	0800	Soil	1/8pt Jar	Ice	X	X	X		PEL for PCBs-Soil = 0.7 mg/g PEL for PCBs-Conc. = 1.0 mg/g Analyze for VOCs only If TPH detected, they will on sample w/ highest TCH.
HA1-2.0'	94199.02		0810				X	X			HOLD
HA1-3.5'	94199.03		0820				X	X			HOLD
HA1-5.0'	94199.04		0830				X	X			
C1	94199.05		0835	Concrete	1/402 Jar		X				
C2	94199.06		0845				X				
C3	94199.07		0900				X				

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 7
 PROPERLY COOLED: Y/N/NA
 CUSTODY SEALS: Y/N/NA
 SAMPLES INTACT: Y/N/NA
 RECEIVED IN GOOD CONDITION: Y/N
 SAMPLES ACCEPTED: Y/N

TURN AROUND TIME: NORMAL RUSH SAME DAY NEXT DAY 2 DAYS 3 DAYS

DATA DELIVERABLE REQUIRED: HARD COPY PDF GEOTRACKER (GLOBAL ID) OTHER (PLEASE SPECIFY)

RELINQUISHED BY:	RELINQUISHED BY:	RELINQUISHED BY:
Signature: Cem Printed Name: CEM KAMALI Date: 9/27/18 Time: 1050	Signature: _____ Printed Name: _____ Date: _____ Time: _____	Signature: _____ Printed Name: _____ Date: _____ Time: _____
RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

CYRUS RAZMARA

From: Cem Kamali [cem.kamali@ngem.com]
Sent: Friday, September 28, 2018 4:27 PM
To: Cyrus Razmara
Cc: Christine Brendle; Joni Fisher; Kevin Torres; Nancy Hendrickson; Ryan Castillo; Scott Hawes
Subject: Re: FW: Results of analysis, AETL Job No.: 94199 (In New Summary Table and PDF formats) of 2 soil and 3 concrete samples from "Lakewood Substation Transformer, IO # 341817, SAP # 901455863"
Attachments: image001.jpg; image001.jpg

Hello Cyrus,

Thank you for the results, and please go ahead with the additional analysis for STLC arsenic on sample HA1-0.5' as recommended in your email. We request a 24-hr TAT.

Thank you,

Cem

On Fri, Sep 28, 2018 at 4:15 PM CYRUS RAZMARA <cyrus@aetlab.com> wrote:

Hello Ryan, Christine, Joni, Scott, Kevin, Nancy and Cem,

Herewith please find results of analysis (In New Summary Table and PDF formats) of 2 soil and 3 concrete samples from "Lakewood Substation Transformer, IO # 341817, SAP # 901455863" which were received on 09/27/2018 at 10:05.

AETL Job No: 94199

Please note that the following sample needs **STLC As analysis**.

HA1-0.5' (94199.01).

If you have any questions, please call me at 888-288-AETL.

Cyrus Razmara Ph.D.

VP & Laboratory Director

American Environmental Testing Laboratory



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 A

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 341817
Date Received 09/27/2018
Date Reported 09/28/2018

Telephone: (909) 274-1646
Attention: Ryan Castillo

Job Number	Order Date	Client
94199	09/27/2018	SCE

CERTIFICATE OF ANALYSIS CASE NARRATIVE

AETL received 7 samples with the following specification on 09/27/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers		
94199.01	HA1-0.5'	09/27/2018	Soil	1		
	<i>Method ^ Submethod</i>	<i>Req Date</i>	<i>Priority</i>	<i>TAT</i>	<i>Units</i>	
	(6010B-STLC) ^ SCE-AS	09/28/2018	2	Rush	mg/L	
	(6010B/7000CAM) ^ SCE	09/28/2018	2	Rush	mg/Kg	
	(8082) ^ SCE-0.7PPM	09/28/2018	2	Rush	mg/Kg	
	(M8015D) ^ SCE-C13C40	09/28/2018	2	Rush	mg/Kg	
	(M8015G) ^ SCE-C4-C12	09/28/2018	2	Rush	mg/Kg	
94199.02	HA1-2.0'	09/27/2018	Soil	1		
	<i>Method ^ Submethod</i>	<i>Req Date</i>	<i>Priority</i>	<i>TAT</i>	<i>Units</i>	
	(6010B/7000CAM) ^ SCE	09/28/2018	2	Rush	mg/Kg	
	(8082) ^ SCE-0.7PPM	09/28/2018	2	Rush	mg/Kg	
	(M8015D) ^ SCE-C13C40	09/28/2018	2	Rush	mg/Kg	
	(M8015G) ^ SCE-C4-C12	09/28/2018	2	Rush	mg/Kg	
94199.03	HA1-3.5'	09/27/2018	Soil	1		
94199.04	HA1-5.0'	09/27/2018	Soil	1		
	<i>Method ^ Submethod</i>	<i>Req Date</i>	<i>Priority</i>	<i>TAT</i>	<i>Units</i>	
	ARCHIVE	09/28/2018	2	Rush	--	
Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers		
94199.05	C1	09/27/2018	Solid	1		
94199.06	C2	09/27/2018	Solid	1		
94199.07	C3	09/27/2018	Solid	1		
	<i>Method ^ Submethod</i>	<i>Req Date</i>	<i>Priority</i>	<i>TAT</i>	<i>Units</i>	
	(8082) ^ SCE-1PPM	09/28/2018	2	Rush	mg/Kg	

Continued



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181

Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Page: 1 B

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Project ID: IO# 341817
Date Received 09/27/2018
Date Reported 09/28/2018

Telephone: (909) 274-1646

Attention: Ryan Castillo

Job Number	Order Date	Client
94199	09/27/2018	SCE

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

The samples were analyzed as specified on the enclosed chain of custody.
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lakewood Substation
3946 N. Bellflower Blvd.
Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 2

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 1001182C5

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			10/01/2018				
Preparation Method			TITLE 22				
Date Analyzed			10/03/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Arsenic (STLC)	0.05	0.05	ND				



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

ANALYTICAL RESULTS

Ordered By

Southern California Edison Company
1 Innovation Way
Pomona, CA 91768-

Site

Lakewood Substation
3946 N. Bellflower Blvd.
Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 3

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 1001182C5

Our Lab I.D.			94199.01				
Client Sample I.D.			HA1-0.5'				
Date Sampled			09/27/2018				
Date Prepared			10/01/2018				
Preparation Method			TITLE 22				
Date Analyzed			10/03/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			10				
Analytes	MDL	PQL	Results				
Arsenic (STLC)	0.50	0.50	2.75				





American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
 Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

QUALITY CONTROL RESULTS

Ordered By

Southern California Edison Company
 1 Innovation Way
 Pomona, CA 91768-

Site

Lakewood Substation
 3946 N. Bellflower Blvd.
 Long Beach, CA 90808

Telephone: (909)274-1646

Attn: Ryan Castillo

Page: 4

Project ID: IO# 341817

Project Name: Lakewood Sub. Transformer

AETL Job Number	Submitted	Client
94199	09/27/2018	SCE

Method: (6010B-STLC), Soluble Threshold Limit Concentration of Arsenic

QC Batch No: 1001182C5; Dup or Spiked Sample: 94199.01; LCS: Clean Sand; LCS Prepared: 10/01/2018; LCS Analyzed: 10/03/2018;
 Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Arsenic (STLC)	2.75	2.54	7.9	<20						

QC Batch No: 1001182C5; Dup or Spiked Sample: 94199.01; LCS: Clean Sand; LCS Prepared: 10/01/2018; LCS Analyzed: 10/03/2018;
 Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Arsenic (STLC)	10.0	9.52	95.2	10.0	9.07	90.7	4.8	75-125	<20	



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

- #: Recovery is not within acceptable control limits.
- *: In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
- B: Analyte was present in the Method Blank.
- D: Result is from a diluted analysis.
- E: Result is beyond calibration limits and is estimated.
- H: Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
- J: Analyte was detected. However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
- M: Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
- MCL: Maximum Contaminant Level
- NS: No Standard Available
- S6: Surrogate recovery is outside control limits due to matrix interference.
- S8: The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
- X: Results represent LCS and LCSD data.

Definition:

- %Limi: Percent acceptable limits.
- %REC: Percent recovery.
- Con.L: Acceptable Control Limits
- Conce: Added concentration to the sample.
- LCS: Laboratory Control Sample
- MDL: Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.



American Environmental Testing Laboratory Inc.

2834 & 2908 North Naomi Street, Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above PQL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference



AGENT SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 5123 18 18852

Agent Billing Information

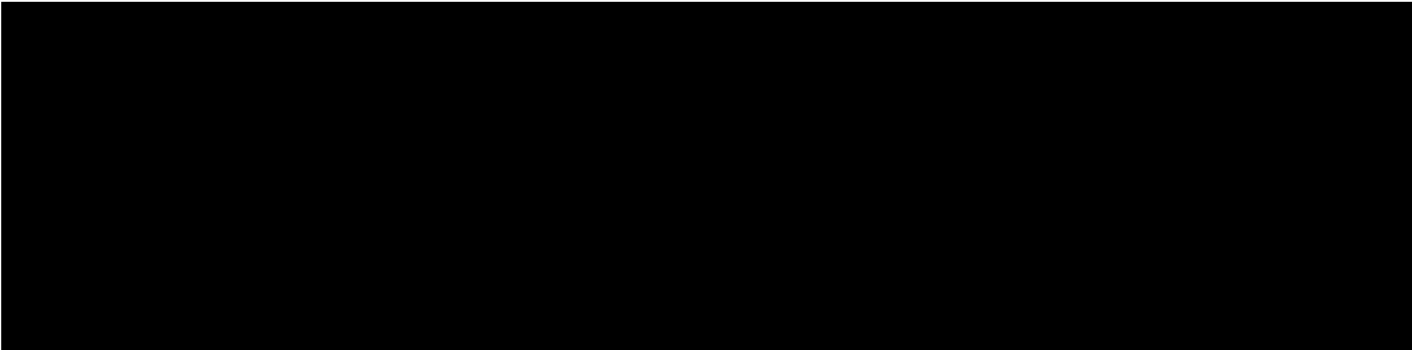
Republic Waste Location (Company)

Name: ROBERSON WAITE ELECTRIC (ACCT # 321)
Address: 16512 BURKE LN
City: HUNTINGTON BEACH
State: CALIFORNIA Zip: 92647
Phone: 714.698.0930 Fax: _____
Contact: JOHN O'NEILL

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.833.6500

Project: SOUTHERN CALIFORNIA EDISON – LAKEWOOD SUBSTATION **County and State of Origin:** LOS ANGELES, CALIFORNIA
Generator Address: 3946 N BELLFLOWER RD, LONG BEACH
Additional Information: CONTACT: RYAN CASTILLO | PHONE: 626.656.0453

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

1) N/A

2) N/A

- Term of Agreement.** This Agreement is effective for 5 months, commencing 11/12/18 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

AGENT

REPUBLIC SERVICES, INC/COM

Edward Antolin

John O'Neill
SIGNATURE (AUTHORIZED REPRESENTATIVE)
John O'Neill Civil Operations Manager
NAME AND TITLE (PLEASE PRINT)

SIGNATURE (AUTHORIZED REPRESENTATIVE)
EDWARD ANTOLIN MESE

11/12/18
DATE

NAME AND TITLE (PLEASE PRINT)
11/12/18
DATE

Terms and Conditions of Agent Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Agent represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Agent shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Agent represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto and which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Agent has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Agent.
8. **Rights of Refusal/Rejection.** The Agent shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Agent has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles of Waste haulers, including the Agent's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Agent of its responsibilities or liability under this Agreement. The Agent shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Agent to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Agent with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Agent's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Agent's personnel shall promptly leave the Facility. Under no circumstances shall Agent or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Agent agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Agent's personnel whom Company believes is under the influence of alcohol or other chemical substances. Agent shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Agent within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Agent agrees to pay a finance charge equal to the maximum interest rate permitted by law. Agent shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Agent. Agent hereby agrees that the Company's right to receive payments under this Agreement is unconditional and is not conditioned upon Agent first receiving payment from Generator or any other party.
11. **Termination.** Agent's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Agent materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Agent shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Agent represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Agent of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility, of Company's restrictions on deliveries of Special Waste to the Facility of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Agent shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Agent or Agent's employees, agents, subcontractors or representatives thereof. Agent shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Agent shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Agent being allowed on Facility premises, Agent shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire, or be changed without thirty (30) days advance written notice to the Company. Agent warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Agent from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Agent's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Agent's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Agent and shall give the Company the right to immediately terminate this Agreement.
 - (A) A petition for reorganization or bankruptcy filed by or against the Agent.
 - (B) Failure by Agent to pay any amounts due to Company.
 - (C) Any breach by Agent of any of its obligations pursuant to the Agreement.

Agent shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Agent may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Agent and Agent's personnel in the event of breach or violation by Agent of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Agent has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Agent and/or Generator which may affect the acceptability of the Waste by the Company. Further, the Agent shall comply with all Company requests for evidence of Agent's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Agent's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous.**
 - (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Agent shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Agent or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Agent which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Agent represents, warrants and covenants that it is and during the term of this Agreement, will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Agent. It is the further understanding and agreement of the parties that Agent is an authorized representative of Generator.
21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Agent at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.
22. **Liquidated Damages.** In the event that this Agreement is terminated by the Agent in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Agent, the Agent shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Agent's most recent monthly charge multiplied by six (6). The Agent shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Agent acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Agent. This liquidated damages clause in no way relieves the Agent from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

AGENT: 

Republic Services, INC./COMPANY: 

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 51231819228	Expiration Date 11/15/2019	
I. Decision Request:	<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change		
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: David Merriam			
Generator Site Address: 3614 Amesbury Rd			
City: Los Angeles	County:	State: CA	Zip:
Name of Waste: Weathered Wood			
Estimated Annual Volume: 1 Tons			

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval


Disposal of TWW must be in accordance with the California Health and Safety Code (HSC) sections 24143.1.5, 25150.7 and 25150.8.

Special Waste Analyst Signature:  **Name (Printed):** Suzanne Glass
Date: 11/16/2018

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee:  **Name (Printed):** Chris Cobey
Date: 11/16/2018

Murray, Jonna

From: Coyle, Chris
Sent: Friday, November 16, 2018 9:02 AM
To: Murray, Jonna
Subject: Re: NEW PROFILE 51231819228 Treated Wood

Approved. Can you add my signature please?

Thanks

Chris Coyle
General Manager
Republic Services
Sunshine Canyon Landfill
Cell 480-369-0024
ccoyle@republicservices.com

> On Nov 16, 2018, at 8:57 AM, Murray, Jonna <JMurray2@republicservices.com> wrote:

>

> Please see attached.

>

> -----Original Message-----

> From: Republic Services Do Not Reply

> Sent: Friday, November 16, 2018 8:41 AM

> To: Murray, Jonna <JMurray2@republicservices.com>

> Subject: Scanned Image

>

> Please do not reply.

> <ScannedImage2018-11-16-084041.pdf>



EXPRESS WASTE PROFILE

RECEIVED
John 11-15-18

Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile #
5123 18 19220
Sales Rep #.

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: David Merriam			
Generator Site Address: 3614 Amesbury Rd			
City: Los Angeles	County: Los Angeles	State: California	Zip: 90027
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS #.
Generator Mailing Address (if different): 3614 Amesbury Rd			
City: Los Angeles	County: Los Angeles	State: California	Zip: 90027
Generator Contact Name: David Merriam		Email: david.merriam@gmail.com	
Phone Number: (617) 834-0725	Ext:	Fax Number: (813) 207-8310	

II. Billing Information

Bill To: David Merriam		Contact Name:	
Billing Address: 3614 Amesbury Rd		Email: david.merriam@gmail.com	
City: Los Angeles	State: CA	Zip: 90027	Phone: (617) 834-0725

III. Waste Stream Information

Name of Waste: <small>(Petroleum products-applies only to contaminated media and debris).</small>	<input type="checkbox"/> Diesel Fuel	<input checked="" type="checkbox"/> Weathered Wood	<input type="checkbox"/> Friable Asbestos
	<input type="checkbox"/> Home Heating Fuel #1-6	<input type="checkbox"/> RCRA Empty Containers	<input type="checkbox"/> Non Friable Asbestos
	<input type="checkbox"/> Kerosene	<input type="checkbox"/> Treated Medical Waste	<input type="checkbox"/> Cured Asphalt
	<input type="checkbox"/> Aviation Fuel	<input type="checkbox"/> Animal Carcass (non infectious)	<input type="checkbox"/> Tires
	<input type="checkbox"/> Hydraulic Fluid	<input type="checkbox"/> Plant Trash	<input type="checkbox"/> Food Products <small>(Including Animal Food)</small>
	<input type="checkbox"/> Unleaded Gasoline (UST Corrective Action)	<input type="checkbox"/> Meth Contaminated Debris	

Process Generating Waste: Removal of retaining wall.

Method of Shipment: <input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume: 1 Tons
Frequency: <input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

David R Merriam	Self
Authorized Representative Name/Title (Type or Print)	Company Name
<i>David R Merriam</i>	11-15-18
Authorized Representative Signature	Date



AGENT SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 5123 18 19228

Agent Billing Information

Name: DAVID MERRIAM
(ACCOUNT# CASH 321)
Address: 3614 AMESBURY RD
City: LOS ANGELES
State: CA Zip: 90027
Phone: 617-834-0725 Fax: _____
Contact: DAVID MERIAM

Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: DAVID MERIAM

County and
State of Origin: LOS ANGELES, CA

Generator Address: 3614 AMESBURY RD LOS ANGELES, CA 90027

Additional Information: CONTACT: DAVID MERRIAM| PHONE: 617-834-0725

- Special Waste Service** Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
- Acceptable Waste** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



Cannot Exceed Daily Volume of _____ TON Without Prior Approval of Company.

(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement** This Agreement is effective for 12 months, commencing 11/16/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

David R Merriam
SIGNATURE (AUTHORIZED REPRESENTATIVE)

David R Merriam
NAME AND TITLE (PLEASE PRINT)

11/16/18
DATE

REPUBLIC SERVICES, INC/COMPANY

Ed Antonin / JPM
SIGNATURE (AUTHORIZED REPRESENTATIVE)

Ed Antonin SALES
NAME AND TITLE (PLEASE PRINT)

11-16-18
DATE

Terms and Conditions of Special Waste Service Agreement

5. **The Agreement:** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of the Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility:** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste:** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
8. **Rights of Refusal/Rejection:** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
9. **Limited License to Enter:** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment:** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
11. **Termination:** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority:** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification:** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance:** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below.
- | Coverage | Minimum Amounts of Insurance |
|----------------------|---------------------------------|
| Workers Compensation | Statutory |
| General Liability | \$500,000 combined single limit |
| Automobile Liability | \$500,000 combined single limit |

- All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire or lapse, or be changed without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.
15. **Failure to Perform:** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fire, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination:** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement.
- (A) A petition for reorganization or bankruptcy filed by or against the Generator.
 - (B) Failure by Generator to pay any amounts due to Company.
 - (C) Any breach by Generator of any of its obligations pursuant to the Agreement.
- Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.
17. **Assignment:** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal:** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance:** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous:**
- (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
 - (D) Generator shall treat as confidential and not disclose to others during or subsequent to the term of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or data) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Generator.
21. **Notices:** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.
22. **Liquidated Damages:** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

GENERATOR: DRM Republic Services, Inc/COMPANY: Edgar May 2009

Murray, Jonna

From: Antolin, Edward
Sent: Friday, November 16, 2018 9:00 AM
To: Murray, Jonna
Subject: RE: Treated Wood Disposal -Service Agreement

Ok, approved



We'll handle it from here.

Edward Antolin Manufacturing and Environmental Services Executive

2531 East 67th Street, Long Beach, CA 90805
e eantolin@republicservices.com
o 818-274-9554
f 866-428-5795 w republicservices.com

From: Murray, Jonna
Sent: Friday, November 16, 2018 8:55 AM
To: Antolin, Edward
Subject: RE: Treated Wood Disposal -Service Agreement

Edward,

Customer profiled 1 ton and that is what corporate approved.

From: Antolin, Edward
Sent: Friday, November 16, 2018 8:49 AM
To: Murray, Jonna <JMurray2@republicservices.com>
Subject: FW: Treated Wood Disposal -Service Agreement

Good Morning Jonna,

Approved, you may want to put more than one ton just in case it is a few tons. Thank you



We'll handle it from here.

Edward Antolin Manufacturing and Environmental Services Executive

2531 East 67th Street, Long Beach, CA 90805
e eantolin@republicservices.com
o 818-274-9554
f 866-428-5795 w republicservices.com

From: Murray, Jonna
Sent: Friday, November 16, 2018 8:46 AM
To: Antolin, Edward
Subject: FW: Treated Wood Disposal -Service Agreement

From: David Merriam <david.merriam@gmail.com>
Sent: Friday, November 16, 2018 8:35 AM
To: Murray, Jonna <JMurray2@republicservices.com>
Subject: Re: Treated Wood Disposal

Note that (david.merriam@gmail.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

Jonna - Here is the executed form. I assume you sign and return to me and then I take this to Sunshine Canyon.

On Fri, Nov 16, 2018 at 8:03 AM Murray, Jonna <JMurray2@republicservices.com> wrote:

David,

Attached is the service agreement. Please complete both pages as generator and return to me.

Thank you,

From: David Merriam <david.merriam@gmail.com>
Sent: Thursday, November 15, 2018 3:11 PM
To: Antolin, Edward <EAntolin@republicservices.com>
Cc: Murray, Jonna <JMurray2@republicservices.com>; Kidd, Kelly - Stockton <KKidd@republicservices.com>
Subject: Re: Treated Wood Disposal

Note that (david.merriam@gmail.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

First, thanks for the email. Here is the form completed as instructed.

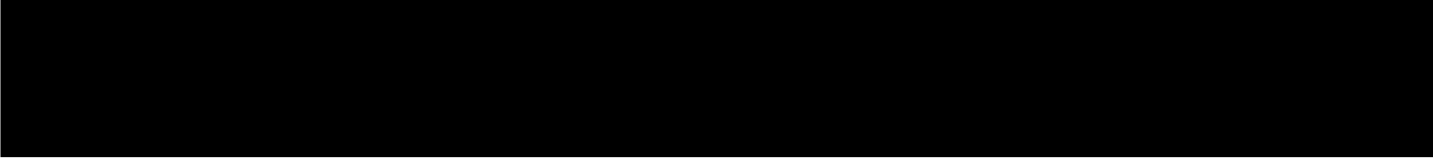
Please advise if I missed something and next steps, would love to drop off this treated wood tomorrow.

Thanks!

On Thu, Nov 15, 2018 at 2:18 PM Antolin, Edward <EAntolin@republicservices.com> wrote:

Greetings David,

Please complete the attached profile and return via e-mail. Also, please copy Jonna and Kelly on all communication. The rates are listed below, thank you.



Thank you,

Edward Antolin Manufacturing and Environmental Services Executive
2531 East 67th Street, Long Beach, CA 90805
e eamtolin@republicservices.com
o 818-274-9554
f 866-428-5795 w republicservices.com

Murray, Jonna

From: Antolin, Edward
Sent: Thursday, November 15, 2018 2:18 PM
To: david.merriam@gmail.com
Cc: Murray, Jonna; Kidd, Kelly - Stockton
Subject: Treated Wood Disposal
Attachments: Special Waste Express Profile.pdf; Special Waste Express Profile Instructions.pdf

Greetings David,

Please complete the attached profile and return via e-mail. Also, please copy Jonna and Kelly on all communication. The rates are listed below, thank you.

Treated wood disposal at Sunshine Canyon Landfill (Sylmar)- \$82/per ton with a special handling fee of \$185/per load. There is a minimum charge per load of \$300.

Thank you,



we'll handle it from here.™

Edward Antolin Manufacturing and Environmental Services Executive

2531 East 67th Street, Long Beach, CA 90805

e eantolin@republicservices.com

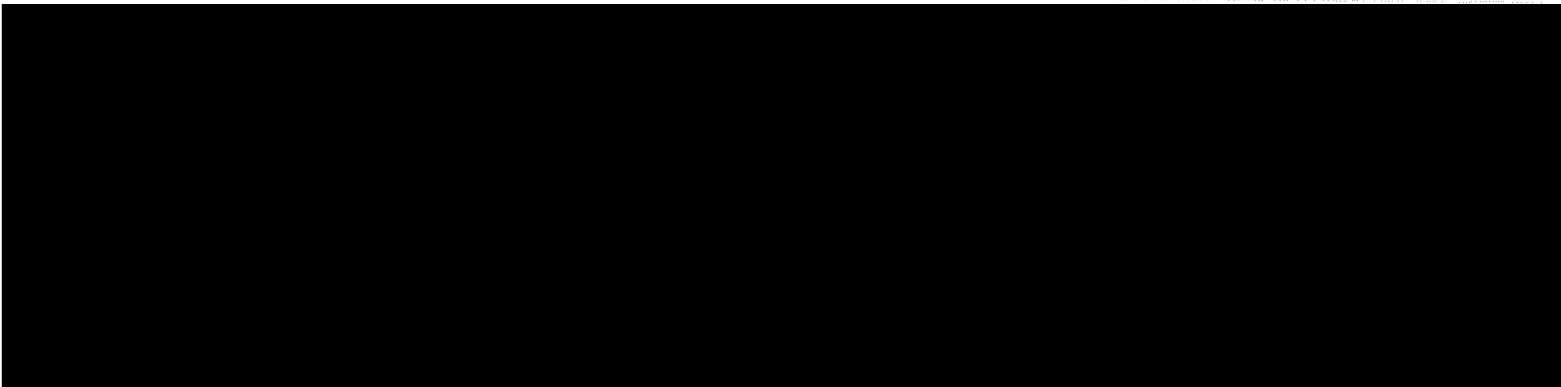
o 818-274-9554

f 866-428-5795 w republicservices.com

CONTRACT DETAILS

Customer: 000321 - CASH CUSTOMER **Start Date:** November 16, 2018 **Default Origin:** LOS ANGELES COUNTY
Contract: 51231819228 **Expiration Date:** November 15, 2019 **Waste Generator:** David Merriam
Type: Inbound **Special Waste:** **Apply Load Rate:**
Sales Rep: ANTOLIN, EDWARD **Permanent:** **Load Rate Misc. Transaction Code:**
Po Number: **Load Rate:** (\$0.00)
Cash Only: **Service Agreement Effective Date:**
Prepaid: **Service Agreement Expiration Date:**
Collect: **Facilities:** All Facilities

Note: PRE PAY 1 TON WEATHERED WOOD





Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 51231819545	Expiration Date 11/26/2019	
I. Decision Request:	<input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change		
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: RHA TRADING INC (DBA RHA GROUP)			
Generator Site Address: 2211 DAMON ST			
City: LOS ANGELES	County:	State: CA	Zip:
Name of Waste: FOOD PRODUCTS			
Estimated Annual Volume: 2 Tons			

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

This material must be buried immediately upon receipt at the landfill.

Special Waste Analyst Signature: _____
Date: 11/26/2018

Name (Printed): Suzanne Glass

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____
Date: 11/26/2018

Name (Printed): Chris Coyfe



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

Waste Profile #
5123 18 19545
Sales Rep #.

I. Generator Information

Generator Name: RHA Trading, inc. (dba RHA Group)			
Generator Site Address: 2211 Damon St.			
City: Los Angeles	County: Los Angeles	State: California	Zip: 90021
State ID/Reg No:	State Approval/Waste Code:	(if applicable)	NAICS #.
Generator Mailing Address (if different): 2211 Damon St.			
City: Los Angeles	County: Los Angeles	State: California	Zip: 90021
Generator Contact Name: Paul Armstrong		Email: paul@rhagroup.com	
Phone Number: (714) 321-1099	Ext:	Fax Number: (949) 363-1867	

II. Billing Information

Bill To: RHA Group	Contact Name: Paul Armstrong		
Billing Address: 30251 Golden Lantern E-402	Email: paul@rhagroup.com		
City: Laguna Niguel	State: CA	Zip: 92677	Phone: (949) 363-1859

III. Waste Stream Information

Name of Waste: <small>(Petroleum products-applies only to contaminated media and debris).</small>	<input type="checkbox"/> Diesel Fuel	<input type="checkbox"/> Weathered Wood	<input type="checkbox"/> Friable Asbestos
	<input type="checkbox"/> Home Heating Fuel #1-6	<input type="checkbox"/> RCRA Empty Containers	<input type="checkbox"/> Non Friable Asbestos
<input type="checkbox"/> Kerosene	<input type="checkbox"/> Treated Medical Waste	<input type="checkbox"/> Cured Asphalt	
<input type="checkbox"/> Aviation Fuel	<input type="checkbox"/> Animal Carcass (non infectious)	<input type="checkbox"/> Tires	
<input type="checkbox"/> Hydraulic Fluid	<input type="checkbox"/> Plant Trash	<input checked="" type="checkbox"/> Food Products <small>(Including Animal Food)</small>	
<input type="checkbox"/> Unleaded Gasoline (UST Corrective Action)	<input type="checkbox"/> Meth Contaminated Debris		

Process Generating Waste: Los Angeles County rejection of fresh rambutan fruit due to insects not allowed into California.

Method of Shipment: BULK DRUM BAGGED OTHER: boxes

Estimated Annual Volume: 2 Tons

Frequency: ONE TIME ONGOING

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

Paul Armstrong, President	RHA Trading, Inc.
Authorized Representative Name/Title (Type or Print)	Company Name
	November 21, 2018
Authorized Representative Signature	Date



SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 5123 18 19545

Generator Billing Information

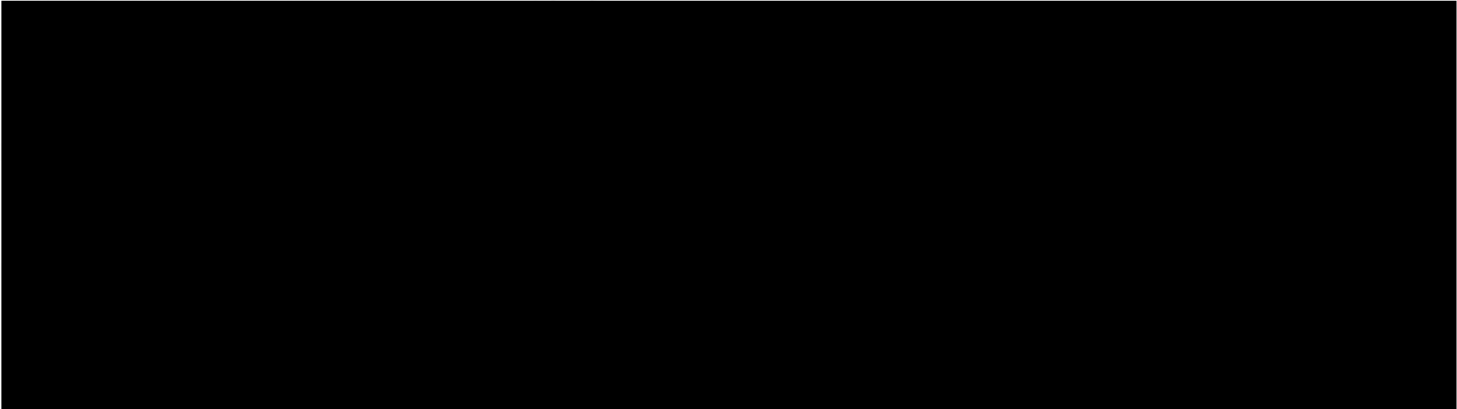
Name: RHA TRADING INC (DBA RHA GROUP
(ACCT CASH # 321))
Address: 2211 DAMON ST
City: LOS ANGELES
State: CA Zip: 90021
Phone: 714.321.1099 Fax: _____
Contact: PAUL ARMSTRONG

Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: FOOD PRODUCTS County and State of Origin: LOS ANGELES, CA
Additional Information: 2211 DAMON ST. LOS ANGELES

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Generator agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Generator, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



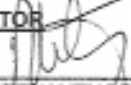
(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.


1) N/A

2) N/A

- Term of Agreement.** This Agreement is effective for 12 months, commencing 11/26/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE GENERATOR, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

SIGNATURE (AUTHORIZED REPRESENTATIVE)
Paul Armstrong as President
NAME AND TITLE (PLEASE PRINT)
11-26-18
DATE

REPUBLIC SERVICES, INC/COMPA

SIGNATURE (AUTHORIZED REPRESENTATIVE)
EDWARD ANTOLIN, MESE
NAME AND TITLE (PLEASE PRINT)
11/26/18
DATE

Terms and Conditions of Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
8. **Rights of Refusal/Rejection.** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the Facility of Company.
10. **Changes and Payment.** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
11. **Termination.** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employee, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below.

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not hereafter be canceled, be permitted to expire or lapse, or be changed without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:
 - (A) A petition for reorganization or bankruptcy filed by or against the Generator.
 - (B) Failure by Generator to pay any amounts due to Company.
 - (C) Any breach by Generator of any of its obligations pursuant to the Agreement.

Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder.

17. **Assignment.** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
19. **Continuing Compliance.** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
20. **Miscellaneous**

- (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
- (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
- (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
- (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or data) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
- (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
- (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
- (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
- (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Generator.

21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.
22. **Liquidated Damages.** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way releases the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

GENERATOR: _____



Republic Services, Inc/COMPANY: _____

Eduard Antolin

May 2009



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile # 51231819571		Expiration Date 11/26/2019	
I. Decision Request: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Recertification <input type="checkbox"/> Change			
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: COSTCO			
Generator Site Address: VARIOUS WAREHOUSE LOCATIONS			
City: VARIOUS	County: Los Angeles	State: CA	Zip:
Name of Waste: UNSALEABLE ROMAINE LETTUCE IN ORIGINAL CONSUMER PACKAGING			
Estimated Annual Volume: 15 Tons			

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

This material must be buried immediately upon receipt at the landfill.

A Waste Shipment Record for each generating facility/location within the load must accompany each load to the landfill.

This profile is limited to Costco Locations in Santa Clarita (#0447), Pacoima (#1071) and North Hollywood (#0653) in Los Angeles County CA.

Special Waste Analyst Signature:

Date: 11/26/2018

Name (Printed): Suzanne Glass

III. Facility Decision: Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee:

Date: 11/26/2018

Name (Printed): Chris Coyle

5123 SUNSHINE CANYON

Requested Disposal Facility: --- Select a Facility ---

Waste Profile # 5123 18 19571

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Sales Rep #:

I. Generator Information

Generator Name: Costco Wholesale			
Generator Site Address: various warehouse locations			
City:	County:	State: -- Select a State --	Zip:
State ID/Reg No:	State Approval/Waste Code: (if applicable)		NAICS # :
Generator Mailing Address (if different): <input checked="" type="checkbox"/> 999 Lake Dr			
City: Issaquah	County: WA	State: Washington	Zip: 98027
Generator Contact Name: Alex Polo		Email: apolo@costco.com	
Phone Number: (425) 416-2451	Ext: n/a	Fax Number:	

II. Billing Information

Bill To: Republic Services National Accounts	Contact Name: Patrick Morrison		
Billing Address:	Email:		
City:	State:	Zip:	Phone:

III. Waste Stream Information

Name of Waste: Unsaleable Romaine Lettuce in the original consumer packaging
Process Generating Waste: Unsaleable Romaine Lettuce in the original consumer packaging, voluntarily removed from sale due to advice from the CDC.
Type of Waste: <input checked="" type="checkbox"/> INDUSTRIAL PROCESS WASTE <input type="checkbox"/> POLLUTION CONTROL WASTE
Physical State: <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment: <input type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume: 15 Tons
Frequency: <input type="checkbox"/> ONE TIME <input checked="" type="checkbox"/> ONGOING
Disposal Consideration: <input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE	
Sample Date:	
Sample ID Numbers:	



Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. Romaine Lettuce in original consumer Packaging	100
2.	
3.	
4.	
5.	

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
Various	none	<input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	100	n/a	n/a °F

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Alex Polo Environmental Director Global Sustainability

Costco Wholesale inc

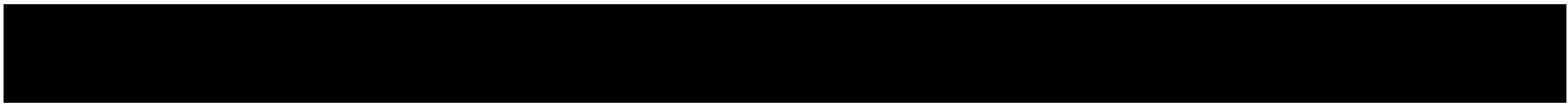
Authorized Representative Name And Title (Type or Print)


Company Name

11/26/2018

Authorized Representative Signature

Date



		Republic Services, Inc. <small>18500 N. Allied Way, Phoenix, AZ 85054</small>	
SPECIAL WASTE DEPARTMENT DECISION			
Waste Profile #		Expiration Date	
51231820754		12/14/2019	
I. Decision Request:	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Recertification	<input type="checkbox"/> Change
Disposal Facility: 5123 - Sunshine Canyon Landfill			
Generator Name: L. A. Garlic and Spice Inc.			
Generator Site Address: 1340 E Olympic Blvd.			
City: Los Angeles	County:	State: CA	Zip:
Name of Waste: Food Products			
Estimated Annual Volume: 660 Pounds			

II. Special Waste Department Decision: **Approved** **Rejected**

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

This material must be buried immediately upon receipt at the landfill

Special Waste Analyst Signature: _____
 Date: 12/14/2018

Name (Printed): Suzanne Glass

III. Facility Decision: **Approved** **Rejected**

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete

General Manager or Designee: _____
 Date: 12/14/2018

Name (Printed): 12/17/18



Requested Disposal Facility: 5123 Sunshine Canyon LF CA

Waste Profile #
5123 18 20754
Sales Rep #

Saveable fill in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: L.A Garlic & Spice, INC.

Generator Site Address: 1340 E. Olympic BLVD

City: Los Angeles County: Los Angeles State: California Zip: 90021

State ID/Reg No: State Approval/Waste Code: (if applicable) NAICS #.

Generator Mailing Address (if different):

City: County: State: -- Select a State Zip:

Generator Contact Name: Habib El-Achkar Email:

Phone Number: (213) 623-6022 Ext: Fax Number:

II. Billing Information

Bill To: L.A Garlic & Spice, INC. Contact Name: Habib

Billing Address: P.O Box 21371 Email: spiceandgarlic@yahoo.com

City: Los Angeles State: CA Zip: 90021 Phone: (213) 623-6022

III. Waste Stream Information

Name of Waste: (Petroleum products-applies only to contaminated media and debris).

<input type="checkbox"/> Diesel Fuel	<input type="checkbox"/> Weathered Wood	<input type="checkbox"/> Friable Asbestos
<input type="checkbox"/> Home Heating Fuel #1-6	<input type="checkbox"/> RCRA Empty Containers	<input type="checkbox"/> Non Friable Asbestos
<input type="checkbox"/> Kerosene	<input type="checkbox"/> Treated Medical Waste	<input type="checkbox"/> Cured Asphalt
<input type="checkbox"/> Aviation Fuel	<input type="checkbox"/> Animal Carcass (non infectious)	<input type="checkbox"/> Tires
<input type="checkbox"/> Hydraulic Fluid	<input type="checkbox"/> Plant Trash	<input checked="" type="checkbox"/> Food Products (Including Animal Food)
<input type="checkbox"/> Unleaded Gasoline (UST Corrective Action)	<input type="checkbox"/> Meth Contaminated Debris	

Process Generating Waste: Thailand Ginger is infected with worms and needs to be disposed.

Method of Shipment: BULK DRUM BAGGED OTHER:

Estimated Annual Volume: 660 Pounds

Frequency: ONE TIME ONGOING

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the waste material being offered for disposal. I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue. I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services, Inc.

Habib El-Achkar (General Manager)	L.A Garlic & Spice INC
Authorized Representative Name/Title (Type or Print)	Company Name
	12/14/2018
Authorized Representative Signature	Date

Murray, Jonna

From: Antolin, Edward
Sent: Monday, December 17, 2018 9:23 AM
To: Murray, Jonna
Subject: RE: L.A Garlic & Spice Application for Disposal

Good Morning Jonna,

The rates for disposal only (not transportation) are listed below. Please note that Chis Coyle is starting to request that we look for alternatives for food waste. He wants us to start diverting from the landfill, thank you.

Rate for Ginger disposal- \$88/per ton with a minimum charge per load of \$350. If a certificate of disposal is required, the rate will be \$185/per certificate per load.

Regards,



Antolin, Edward

Edward Antolin Manufacturing and Environmental Services Executive

2531 East 67th Street, Long Beach, CA 90805

e eeantolin@republicservices.com

o 818-274-9554

f 866-428-5795 w republicservices.com

From: Murray, Jonna
Sent: Friday, December 14, 2018 1:41 PM
To: Antolin, Edward
Subject: FW: L.A Garlic & Spice Application for Disposal

Approved, please price.

From: L.A. Garlic & Spice, Inc. <spiceandgarlic@yahoo.com>
Sent: Friday, December 14, 2018 10:46 AM
To: Murray, Jonna <JMurray2@republicservices.com>
Subject: Re: L.A Garlic & Spice Application for Disposal

Note that (spiceandgarlic@yahoo.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

Got it, thank you.

L.A. Garlic and Spice, Inc.
P.O. Box 21371



AGENT SPECIAL WASTE SERVICE AGREEMENT
NON-HAZARDOUS WASTES

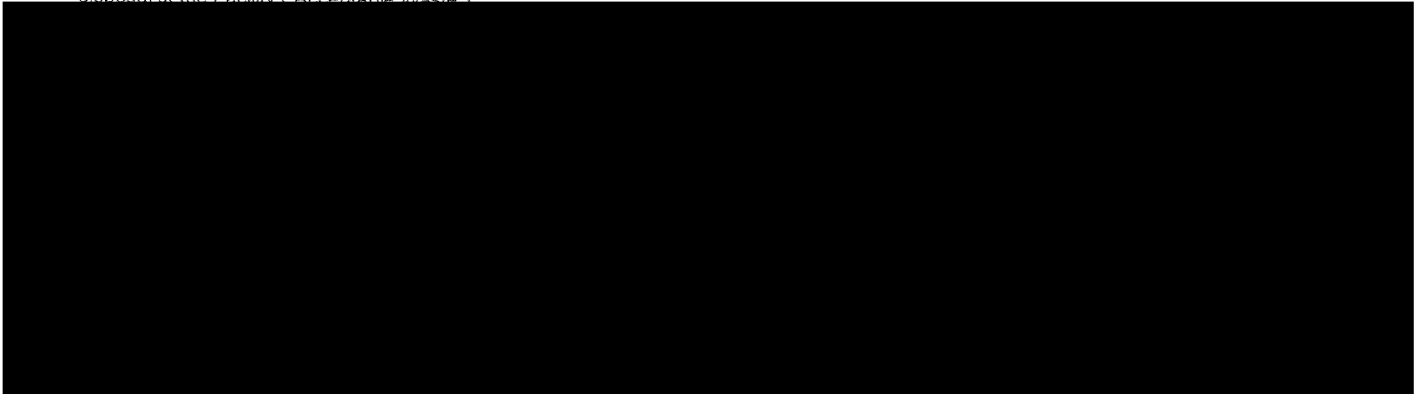
Special Waste Profile Number: 5123 18 20754

Agent Billing Information
Name: L.A. GARLIC & SPICE, INC.
Address: P.O. BOX 21371
City: LOS ANGELES
State: CA Zip: 90021
Phone: 213 623 6022 Fax:
Contact: HABIB EL-ACHKAR

Republic Waste Location (Company)
SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: L.A. GARLIC & SPICE, INC. County and State of Origin: LOS ANGELES, CALIFORNIA
Generator Address: 1340 E. OLYMPIC BLVD LOS ANGELES, CA 90221
Additional Information: CONTACT: HABIB EL-ACHKAR | PHONE:213.623.6022

- 1. Special Waste Service. Subject to the terms and conditions contained herein, the Company and the Agent agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Agent, and which is acceptable to the Company as herein provided.
2. Acceptable Waste. Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste")



(B) Incorporation by Reference. In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.
1) N/A
2) N/A

4. Term of Agreement. This Agreement is effective for 12 months, commencing 12/14/2018 and shall automatically be renewed for Similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE AGENT, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

Generator
Signature: [Handwritten Signature]
Name and Title: Habib EL Achkar
Date: 12-17-18

REPUBLIC SERVICES, INC/COMPANY
Signature: [Handwritten Signature]
Name and Title: Edward Antolin Sales Rep
Date: 12-17-18

Terms and Conditions of Special Waste Service Agreement

- 5 **The Agreement** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
- 6 **Waste Accepted at Facility** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
- 7 **Special Waste** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
- 8 **Rights of Refusal/Rejection** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Generator shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
- 9 **Limited License to Enter** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
- 10 **Charges and Payment** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
- 11 **Termination** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
- 12 **Driver's Knowledge and Authority** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
- 13 **Indemnification** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
- 14 **Insurance** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below.
- | Coverages | Minimum Amounts of Insurance |
|-----------------------|---------------------------------|
| Worker's Compensation | Statutory |
| General Liability | \$500,000 combined single limit |
| Automobile Liability | \$500,000 combined single limit |
- 15 **Failure to Perform** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.
- 16 **Other Termination** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:
- (A) A petition for reorganization or bankruptcy filed by or against the Generator
 - (B) Failure by Generator to pay any amounts due to Company
 - (C) Any breach by Generator of any of its obligations pursuant to the Agreement
- Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims, expenses or damages incurred by the Company as a result of termination hereunder.
- 17 **Assignment** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.
- 18 **Right of Disposal** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.
- 19 **Continuing Compliance** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.
- 20 **Miscellaneous**
- (A) This Agreement shall be governed by the laws of the State in which the Facility is located
 - (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement
 - (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement
 - (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or data) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
 - (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision
 - (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
 - (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof
 - (H) It is the understanding and agreement of the parties that the Company is an independent contractor and is not an agent, nor an authorized representative of the Generator
- 21 **Notices** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.
- 22 **Liquidated Damages** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

GENERATOR: 

Republic Services, Inc/COMPANY: 

May 2009

Murray, Jonna

From: Antolin, Edward
Sent: Monday, December 17, 2018 11:01 AM
To: Murray, Jonna
Subject: RE: L.A Garlic & Spice Application for Disposal

Approved, thank you.



Edward Antolin Manufacturing and Environmental Services Executive

2531 East 67th Street, Long Beach, CA 90805
e ellantolin@republicservices.com
o 818-274-9554
f 866-428-5795 w republicservices.com

From: Murray, Jonna
Sent: Monday, December 17, 2018 10:48 AM
To: Antolin, Edward
Subject: FW: L.A Garlic & Spice Application for Disposal

Please sign

From: L.A. Garlic & Spice, Inc. <spiceandgarlic@yahoo.com>
Sent: Monday, December 17, 2018 10:43 AM
To: Murray, Jonna <JMurray2@republicservices.com>
Subject: Re: L.A Garlic & Spice Application for Disposal

Note that (spiceandgarlic@yahoo.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

L.A. Garlic and Spice, Inc.
P.O. Box 21371
1340 E. Olympic Blvd.
Los Angeles, CA 90021

Tel : (213)623-6022
Fax: (213)623-6026
Cell: (818)636-6252
spiceandgarlic@yahoo.com

General Manager / Owner

Habib El-Achkar

From: "Murray, Jonna" <JMurray2@republicservices.com>
To: "L.A. Garlic & Spice, Inc." <spiceandgarlic@yahoo.com>

CONTRACT DETAILS

Customer: 000321 - CASH CUSTOMER

Contract: 51231820754

Type: Inbound

Sales Rep: ANTOLIN, EDWARD

Po Number:

Cash Only:

Prepaid:

Collect:

Note: FOOD 660 LBS

Start Date: December 14, 2018

Expiration Date: December 14, 2019

Special Waste:

Permanent:

Facilities: All Facilities

Default Origin: LOS ANGELES COUNTY

Waste Generator: L.A. Garlic and Spice Inc

Apply Load Rate:

Load Rate Misc. Transaction Code:

Load Rate: (\$0.00)

Service Agreement Effective Date:

Service Agreement Expiration Date:



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #
5123186344

Expiration Date
4/19/2021

I. Decision Request:

Initial Recertification Change

Disposal Facility: 5123 - Sunshine Canyon Landfill

Generator Name: Times Produce Inc

Generator Site Address: 130 S Myers Street

City: Los Angeles

County:

State: CA

Zip:

Name of Waste: Food Wastes

Estimated Annual Volume: 3,000 Pounds

II. Special Waste Department Decision: Approved Rejected

Management Method(s): Landfill Solidification Bioremediation Transfer Facility

Problematic Special Waste according to Republic? Yes No

If yes, which one? _____

Approved by Special Waste Review Committee? Yes No Not Applicable

Precautions, Conditions or Limitations on Approval

FOOD WASTE: This waste must be buried immediately upon receipt at the landfill.

Per the Special Waste Profile Change Form dated August 14, 2018, the Frequency has been changed from ONE-TIME to ON-GOING; also, the generator has increased the ESTIMATED VOLUME for disposal by 2,580 POUNDS.

TOTAL ESTIMATED VOLUME approved for disposal is 3,000 POUNDS.

Special Waste Analyst Signature: _____

Date: 8/15/2018

Name (Printed): Joseph Sorokach

III. Facility Decision:

Approved Rejected

Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: _____

Date: 8/15/2018

Name (Printed): CHRIS COYLE



SPECIAL WASTE PROFILE - RECERTIFICATION

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

Disposal Facility: 3804 623 Landfill VA

Waste Profile #

I. Generator Information

Generator Name: TIMES PRODUCE			
Generator Site Address: 130 SOUTH MYERS STREET			
City: LOS ANGELES	County: LOS ANGELES	State: California	Zip: 90033
State ID/Reg No:	State Approval/Waste Code:		NAICS #:
Generator Mailing Address (if different): <input type="checkbox"/> 130 SOUTH MYERS STREET			
City: LOS ANGELES	County:	State: California	Zip: 90033
Generator Contact Name: DIANA BARRERA		Email: DIANA@TIMESPRODUCE.COM	
Phone Number: (323) 261-6677		Fax Number: (323) 261-6688	

II. Waste Stream Information

Name of Waste:

Check Section 1 OR Section 2 below:

1. There has been a change in the characteristics of the waste stream due to the following:

- a. Change of a raw material used in the waste generating process.
- b. Change in the waste generating process itself.
- c. Change in a physical characteristic of the waste.
- d. New information has been documented concerning the human health effects of exposure to the waste.

If any of these changes have occurred, a new laboratory analysis and profile sheet must be completed. Attach copies of the new chemical analysis and new Special Waste Profile with the appropriate signatures.

2. There have been no changes that would alter the physical characteristics of the special waste stream. Updated analytical may be required.

III. Representative Sample Certification

No Sample Taken

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample: <input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE	
Sample Date:	
Sample ID Numbers:	

IV. Certification

I hereby certify that to the best of my knowledge and belief, the information contained in the Special Waste Profile - Recertification and the information in the Original Special Waste Profile is true, complete and accurate.

DIANA BARRERA (MANAGER)

TIMES PRODUCE INC

Authorized Representative Name And Title (Printed)

Company Name

8/15/19

Authorized Representative Signature

Date



SPECIAL WASTE PROFILE - CHANGE

See reverse side of form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

This form may be used to request changes to an existing Special Waste Profile.

Generator Name: TIMES PRODUCE

Name of Waste: YAMS

Waste Profile # 5123186344

II. Purpose of Change

Description of Change Requested and Reason for Change: (Provide detailed explanation of why the change is requested following the appropriate checked box below).

Volume Increase By: 3000 lbs * per DB/kk 8/14/18

Is the analysis originally submitted with the Profile representative of the volume increase? Yes No If No, complete Section III, below

Extend Expiration Date:

Change or Add Landfill:

Add Additional Laboratory Reports: Complete Representative Sample Certification, Section III, below.

Add MSDS:

Generator Name Change:

Other:

CHANGE TO PROFILE ONGOING AND INCREASE DISPOSAL VOLUME TO 3000LBS *DN*

III. Representative Sample Certification

No Sample Taken

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?

YES or NO

Type of Sample: COMPOSITE SAMPLE GRAB SAMPLE

Sample Date:

Sample ID Numbers:

IV. Certification

I hereby certify that the waste and the process generating the waste are unchanged and are accurately represented in the original profile.

DIANA BARRERA (MANAGER) *DN*

Authorized Representative Name and Title (Printed)

DN

Authorized Representative Signature

TIMES PRODUCE INC

Company Name

8/14/18

Date

Kidd, Kelly - Stockton

From: Diana Barrera <diana@timesproduce.com>
Sent: Wednesday, August 15, 2018 9:53 AM
To: Kidd, Kelly - Stockton
Subject: RE: Emailing: CCF08142018_00000, CCF08142018_00001

Note that (diana@timesproduce.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

Yes

-----Original Message-----

From: Kidd, Kelly - Stockton [mailto:KKidd@republicservices.com]
Sent: Wednesday, August 15, 2018 9:51 AM
To: Diana Barrera
Subject: RE: Emailing: CCF08142018_00000, CCF08142018_00001

So the new annual volume is 3000 pounds, which is a 2580 pound increase over the original, correct?

-----Original Message-----

From: Diana Barrera <diana@timesproduce.com>
Sent: Wednesday, August 15, 2018 9:49 AM
To: Kidd, Kelly - Stockton <KKidd@republicservices.com>
Subject: RE: Emailing: CCF08142018_00000, CCF08142018_00001

Note that (diana@timesproduce.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

We have 510lbs that are ready to dumped. We received another load of yams yesterday and there are more that might be a possible dump as well. Since it's an ongoing deal we wanted to put 3000lbs as in annual volume to cover other possible dumps.

-----Original Message-----

From: Kidd, Kelly - Stockton [mailto:KKidd@republicservices.com]
Sent: Wednesday, August 15, 2018 8:30 AM
To: Diana Barrera
Cc: Antolin, Edward
Subject: RE: Emailing: CCF08142018_00000, CCF08142018_00001

Diana,

Because the profile has expired the analyst would like a recertification form completed as well (attached).

In addition, he is questioning if the increase is to 3000 pounds or a 3000 pound increase (3000 plus the 420 already brought in). You can email me the explanation and I'll add it to the file.

Thanks

-----Original Message-----



SPECIAL WASTE SERVICE AGREEMENT NON-HAZARDOUS WASTES

Special Waste Profile Number: 5123 18 6344

Generator Billing Information

Name: TIMES PRODUCE INC
(ACCT CASH # 321)
Address: 130 S MYERS ST
City: LOS ANGELES
State: CA Zip: 90033
Phone: 323.261.6677 Fax: _____
Contact: RANDY SONODA

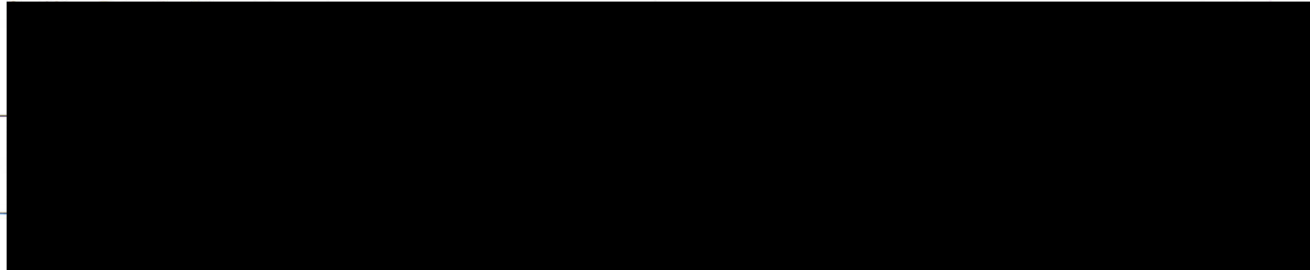
Republic Waste Location (Company)

SUNSHINE CANYON LANDFILL (5123)
14747 SAN FERNANDO ROAD
SYLMAR, CA 91342
818.362.2141

Project: FOOD PRODUCTS County and State of Origin: LOS ANGELES, CA

Additional Information: 130 S MYERS ST, LOS ANGELES

- Special Waste Service.** Subject to the terms and conditions contained herein, the Company and the Generator agree to be legally bound hereby and the Company agrees to accept at its Facility, Acceptable Waste (hereinafter referred to as "Special Waste" or "Waste") delivered by Generator, and which is acceptable to the Company as herein provided.
- Acceptable Waste.** Only those Special Wastes described in Paragraph 3 herein and in any Special Waste Profile(s) which number is identical to the contract number referenced above, and which Profile(s) are hereby incorporated by reference herein, and which Waste is subsequently approved by the Company and is otherwise in accordance with all laws, regulations and permits, shall be acceptable for disposal at the Facility ("Acceptable Waste").



Cannot Exceed Daily Volume of 3000 POUNDS Without Prior Approval of Company.

(B) **Incorporation by Reference.** In addition to Special Waste Profile(s), the following documents are incorporated by reference into this Agreement as if fully set forth herein.

- 1) N/A
- 2) N/A

4. **Term of Agreement.** This Agreement is effective for 33 months, commencing 8/15/2018 and shall automatically be renewed for a similar term thereafter unless either party shall give written notice (via certified mail) of termination to the other party at least thirty (30) days prior written notice.

THE COMPANY AND THE GENERATOR, IN CONSIDERATION OF THE MUTUAL OBLIGATIONS CONTAINED HEREIN, AGREE THAT THIS IS A LEGALLY BINDING AGREEMENT WHICH IS SUBJECT TO THE TERMS AND CONDITIONS SET FORTH ON THIS PAGE AND ON THE REVERSE SIDE OF THIS DOCUMENT. IN ADDITION, THE GENERATOR IS CERTIFYING THE ATTACHED TERMS AND CONDITIONS HAVE BEEN REVIEWED AND INITIALLED AT THE BOTTOM OF THE PAGE.

GENERATOR

[Signature]
SIGNATURE (AUTHORIZED REPRESENTATIVE)

DIANA BARRERA (MANAGER)
NAME AND TITLE (PLEASE PRINT)

8/16/18
DATE

REPUBLIC SERVICES, INC/COMPAN

[Signature]
SIGNATURE (AUTHORIZED REPRESENTATIVE)

EDWARD ANTOLIN MESE
NAME AND TITLE (PLEASE PRINT)

8/16/18
DATE

Terms and Conditions of Special Waste Service Agreement

5. **The Agreement.** This agreement of the parties ("Agreement") for the disposal of Special Waste shall consist of this Agreement, riders to the Agreement (if any) and any Application, permit and approval that may be applicable to such Waste.
6. **Waste Accepted at Facility.** Generator represents, warrants and covenants that the Waste delivered to Company at its Facility hereunder will be Acceptable Waste and will not contain any unacceptable quantity of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances, as defined by applicable federal, state, local or provincial laws or regulations. Any Waste which does not meet these requirements shall hereinafter be referred to as "Unacceptable Waste". The Generator shall in all matters relating to the collection, transportation and disposal of the Waste hereunder, comply with all applicable federal, state and local laws, regulations, rules and orders regarding the same. The word "Facility" shall mean any landfill, transfer station or other location used to transfer, process or otherwise dispose of such Waste.
7. **Special Waste.** Generator represents, warrants and covenants that the Waste delivered to Company hereunder (i) will not contain any Special Waste that is not specifically described on any Application which is attached hereto or which is subsequently approved by the Company, (ii) will meet the material description as set forth in any Application and otherwise in all significant respects and (iii) will not contain Unacceptable Waste. The parties may incorporate additional Special Waste as part of this Agreement if prior to delivery of such Waste to Company, Generator has provided an Application for such Waste and Company has approved disposal of such Waste within the limitations and conditions contained in Company's written notice of approval of Special Waste Disposal. Title to any and all Waste handled or disposed of by Company shall at all times remain with Generator and Broker (if a Broker is involved).
8. **Rights of Refusal/Rejection.** The Generator shall inspect all Waste at the place(s) of collection and shall remove any and all Unacceptable Waste. Company has the right to refuse, or to reject after acceptance, any load(s) of Waste(s) delivered to its Facility including if the Company believes the Generator has breached (or is breaching) its representations, warranties, covenants or agreements hereunder, or any applicable federal, state or local laws, regulations, rules or orders, even if only a portion of such Waste load is unacceptable. The Company shall have the right to inspect all vehicles and containers of Waste haulers, including the Generator's vehicles, in order to determine whether the Waste is Acceptable Waste or Unacceptable Waste pursuant to this Agreement and all applicable federal, state and local laws, rules and regulations. The Company's exercise, or failure to exercise, its rights hereunder shall not operate to relieve the Generator of its responsibilities or liability under this Agreement. The Generator shall be responsible for, and bear all reasonable expenses and damages incurred by the Company, as a result of the Unacceptable Waste and in the reloading and removal of Unacceptable Waste disposed in the Facility. The Company, may also, in its sole discretion, require the Generator to promptly remove the Unacceptable Waste.
9. **Limited License to Enter.** This Agreement provides Generator with a license to enter the Facility for the limited purpose of, and only to the extent necessary for, off-loading Acceptable Waste at the Facility in the manner directed by Company. Except in an emergency, Generator's personnel shall not leave the immediate vicinity of their vehicle. After off-loading the Waste, Generator's personnel shall promptly leave the Facility. Under no circumstances shall Generator or its personnel engage in any scavenging of Waste or other materials at the Facility. The Company reserves the right to make and enforce reasonable rules and regulations concerning the operation of the Facility, the conduct of the drivers and others on the Facility premises, quantities and sources of Waste, and any other matters necessary or desirable for the safe, legal and efficient operation of the Facility including, but not limited to, speed limits on haul roads imposed by the Company, and the wearing of hard hats and other personal protection equipment by all individuals allowed on the Facility premises. Generator agrees to conform to such rules and regulations as they may be established and amended from time to time. Company may refuse to accept Waste from and shall deny an entrance license to, any of Generator's personnel whom Company believes is under the influence of alcohol or other chemical substances. Generator shall be solely responsible for its employees and subcontractors performing their obligations in a safe manner when at the facility of Company.
10. **Charges and Payment.** Payment shall be made by Generator within sixty (60) days after receipt of invoice from Company. In the event that any amount is overdue, the Company may terminate this Agreement. Generator agrees to pay a finance charge equal to the maximum interest rate permitted by law. Generator shall be liable for all taxes, fees, or other charges imposed upon the disposal of the Waste by federal, state, local or provincial laws and regulations. Company, from time to time, may modify its rates upon sixty (60) days written notice to Generator.
11. **Termination.** Generator's obligations, representations, warranties and covenants regarding the Waste delivered and all indemnities shall survive termination of this Agreement. Should Generator materially default in any of its obligations hereunder, then Company may immediately terminate this Agreement and Generator shall be liable for all costs and damages incurred by the Company.
12. **Driver's Knowledge and Authority.** Generator represents, warrants and covenants that its drivers who deliver Waste to Company's Facility have been advised by Generator of the Company's prohibition on deliveries of hazardous materials or substances, radioactive materials or substances, or toxic waste or substances or any other Unacceptable Waste to the Facility of Company's restrictions on deliveries of Special Waste to the Facility, of the definitions of "Hazardous Waste and Hazardous Substances" as provided by applicable federal, state and local law, rules and regulations and "Special Waste" as provided herein, and of the terms of this license to enter Company's Facility.
13. **Indemnification.** Generator shall indemnify, defend and hold harmless the Company and its subsidiaries, affiliates and parent corporations, as applicable and their respective officers, directors, lenders, employees, subcontractors and agents from and against any and all claims, suits, losses, liabilities, assessments, damages, fines, costs and expenses, including reasonable attorneys fees arising under federal, state or local laws, regulations or ordinances, or relating to the content of the Waste, or arising out of or in connection with any breach of this Agreement or arising out of the negligent collection, transportation and disposal of Waste by Generator or Generator's employees, agents, subcontractors or representatives thereof. Generator shall also be responsible for increased inspection, testing, study and analysis costs made necessary due to reasonable concerns of the Company as to the content of the Waste following discovery of potentially Unacceptable Waste. This indemnification and other obligations stated in this paragraph shall survive the termination of this Agreement.
14. **Insurance.** Generator shall maintain in full force and effect throughout the term of this Agreement the following types of insurance in at least the amounts specified below:

Coverages	Minimum Amounts of Insurance
Worker's Compensation	Statutory
General Liability	\$500,000 combined single limit
Automobile Liability	\$500,000 combined single limit

All insurance will be by insurers authorized to do business in the state in which the Facility is located. Prior to Generator being allowed on Facility premises, Generator shall provide the Company with certificates of insurance or other satisfactory evidence that such insurance has been procured and is in force. Said policies shall not thereafter be canceled, be permitted to expire or lapse, or be changed without thirty (30) days advance written notice to the Company. Generator warrants that it will secure the above minimum amounts of insurance from any transportation of the Waste to the Facility.

15. **Failure to Perform.** Neither party hereto shall be liable for its failure to perform hereunder due to circumstances not its fault and beyond its reasonable control, including, but not limited to, strikes or other labor disputes, riots, protests, civil disturbances or sabotage, changes in law, fires, floods, compliance with government requests, explosions, accidents, weather, lack of required natural resources, or acts of God affecting either party hereto. In the event of any of the circumstances provided for in the preceding sentence, including, but not limited to, whether any federal, state or local court or governmental authority takes any action which would (i) close or restrict operations at the Facility, (ii) limit the quantity or prohibit the disposal of Waste at the Facility, or (iii) limit the ability of or prohibit Generator from delivering Waste to the Facility, the Company shall have the right, at its option, to reduce, suspend or terminate Generator's access to the Facility immediately, without prior notice and without any additional liabilities between the parties, other than Generator's payment obligation hereunder. Neither Party is required hereunder to settle any labor dispute against its own best judgment.

16. **Other Termination.** The occurrence of any of the following events shall also constitute an event of default by the Generator and shall give the Company the right to immediately terminate this Agreement:

- (A) A petition for reorganization or bankruptcy filed by or against the Generator.
- (B) Failure by Generator to pay any amounts due to Company.
- (C) Any breach by Generator of any of its obligations pursuant to the Agreement.

Generator shall be liable for and shall indemnify, defend and hold harmless Company from any losses, claims expenses or damages incurred by the Company as a result of termination hereunder

17. **Assignment.** Generator may not assign, transfer or otherwise vest in any other Company, entity or person, in whole or in part, any of its rights or obligations under the Agreement without the prior written consent of the Company, provided, however, that the Company may without any such prior written consent, assign its rights and/or obligations under the Agreement to a subsidiary or affiliate corporation.

18. **Right of Disposal.** This Agreement does not grant any rights to dispose of Waste other than in accordance herewith. The Company reserves the right to immediately terminate access to the Facility by Generator and Generator's personnel in the event of breach or violation by Generator of any of the terms of this Agreement, the Company's operating rules or payment policies or any applicable laws or regulations.

19. **Continuing Compliance.** The Generator has a continuing obligation to inform the Company of any new information, or information not previously provided to the Company by Generator which may affect the acceptability of the Waste by the Company. Further, the Generator shall comply with all Company requests for evidence of Generator's continuing compliance with the terms of the Agreement including but not limited to the following: (i) providing new, updated Waste profiles on the Waste(s) offered for disposal or, (ii) providing appropriate certification that the Waste being offered for disposal is accurately reflected by the appropriate Application or, (iii) re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or, (iv) allow the Company to re-sample the Waste at Generator's expense if reasonable cause exists as to its acceptability under the terms of this Agreement or (v) all of the above.

20. Miscellaneous

- (A) This Agreement shall be governed by the laws of the State in which the Facility is located.
- (B) No waiver of a breach of any of the obligations contained in the Agreement shall be construed to be a waiver of any prior or succeeding breach of the same obligation or of any other obligation of this Agreement.
- (C) No modification, release, discharge or waiver of any provision or obligation hereof shall be of any force, or effect, unless in writing signed by all parties to this Agreement.
- (D) Generator shall treat as confidential and not disclose to others during or subsequent to the terms of this Agreement, except as is necessary to perform this Agreement, or to comply with any applicable law or regulation any information (including any technical information, experience or date) regarding the Company's plans, programs, plants, processes, products, costs, equipment or operations which may come within the knowledge of the Generator or its employees in the performance of this Agreement, without in each instance securing the prior written consent of the other Company.
- (E) If any term, phrase, obligation or provision of this Agreement shall be held to be invalid, illegal or unenforceable in any respect, this Agreement shall remain in effect and be construed without regard to such term, phrase, obligation or provision.
- (F) This Agreement constitutes the entire understanding between the parties, replacing and amending any prior agreements between the parties, and shall be binding upon all parties hereto, their successors, heirs, representatives and assigns. Any provision, term or condition in any acknowledgement, purchase order or other response by Generator which is in addition to or different from the provisions of this Agreement shall be deemed objected to by the Company and shall be of no effect.
- (G) Generator represents, warrants and covenants that it is and, during the term of this Agreement will remain, in compliance with and will perform its obligations pursuant to all applicable laws and regulations and shall indemnify, defend and hold harmless the Company from any breach thereof.
- (H) It is the understanding and agreement of the parties that the Company is an independent contractor, and is not an agent, nor an authorized representative of the Generator.

21. **Notices.** All notices herein provided for shall be considered as having been given upon being placed in the mail, certified postage prepaid addressed to the Company or Generator at the address herein set forth in this Agreement or to such other address as may be given to the other party in writing.

22. **Liquidated Damages.** In the event that this Agreement is terminated by the Generator in a manner not in accordance with paragraph 4 hereof, or terminated due to a breach of this Agreement by the Generator, the Generator shall pay, as liquidated damages, and not as a penalty, the greater of an amount equal to six (6) months' service charges or the Generator's most recent monthly charge multiplied by six (6). The Generator shall be given credit for any advance payments made hereunder, however, in computing the amount owed as liquidated damages hereunder. The Generator acknowledges that this liquidated damages clause is reasonable and is applicable to recover damages related to its investment in equipment, development of landfills and hiring of employees undertaken by the Company to service its customers including the Generator. This liquidated damages clause in no way relieves the Generator from its obligations and liability for other cost or damages as set forth elsewhere in this Agreement.

GENERATOR: _____



Republic Services, Inc/COMPANY: _____



May 2009

Kidd, Kelly - Stockton

From: Coyle, Chris
Sent: Thursday, August 16, 2018 7:51 AM
To: Kidd, Kelly - Stockton
Subject: Re: 5123186344 For Approval

Approved. Please add my signature. On the road all day.
Thanks

Chris Coyle
General Manager
Republic Services
Sunshine Canyon Landfill
Cell 480-369-0024
ccoyle@republicservices.com

On Aug 16, 2018, at 7:45 AM, Kidd, Kelly - Stockton <KKidd@republicservices.com> wrote:

Good Morning,

This is a recert for a one time profile that has decided they need to be an ongoing waste.

Thanks

Kelly Kidd
Special Waste Sales Coordinator

1145 West Charter Way
Stockton, CA 95206
e kkidd@republicservices.com
o 209-547-7519
f 209-466-1067 w www.RepublicServices.com



We'll handle it from here.™



<5123186344_Times Produce Inc.pdf>

Kidd, Kelly - Stockton

From: Antolin, Edward
Sent: Thursday, August 16, 2018 8:55 AM
To: Kidd, Kelly - Stockton
Subject: RE: 5123186344 For Approval

Yes,

From: Kidd, Kelly - Stockton
Sent: Thursday, August 16, 2018 8:55 AM
To: Antolin, Edward
Subject: RE: 5123186344 For Approval

Approved?

From: Antolin, Edward
Sent: Thursday, August 16, 2018 8:53 AM
To: Kidd, Kelly - Stockton <KKidd@republicservices.com>
Subject: RE: 5123186344 For Approval

Thank you,



We'll handle it from here.®

Edward Antolin Manufacturing and Environmental Services Executive

2531 East 67th Street, Long Beach, CA 90805

e eamtolin@republicservices.com

o 818-274-9554

f 866-428-5795 w republicservices.com

From: Kidd, Kelly - Stockton
Sent: Thursday, August 16, 2018 7:48 AM
To: Antolin, Edward
Subject: 5123186344 For Approval

Kelly Kidd
Special Waste Sales Coordinator

1145 West Charter Way

Stockton, CA 95206

e kkidd@republicservices.com

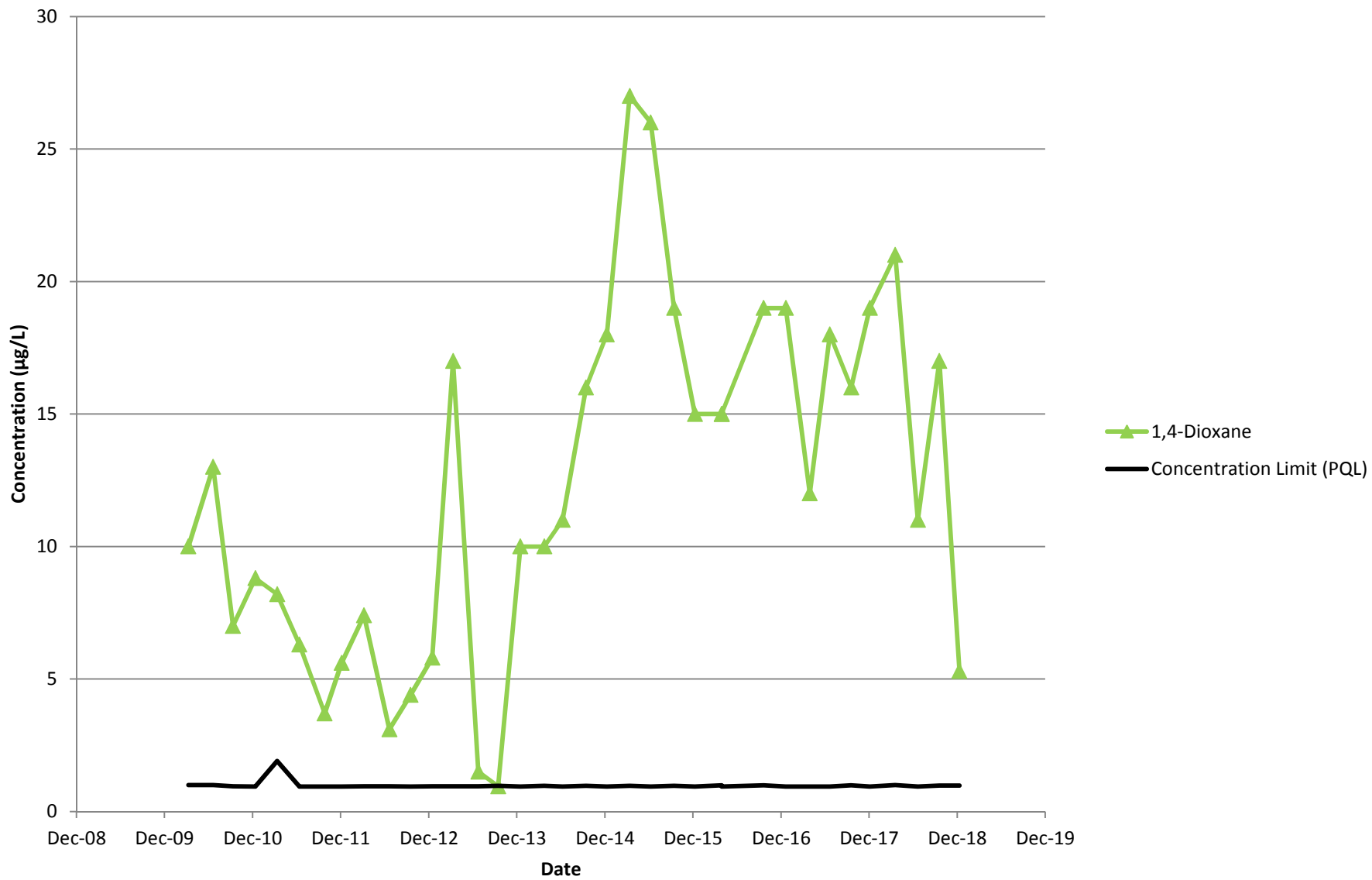
o 209-547-7519

f 209-466-1067 w www.RepublicServices.com

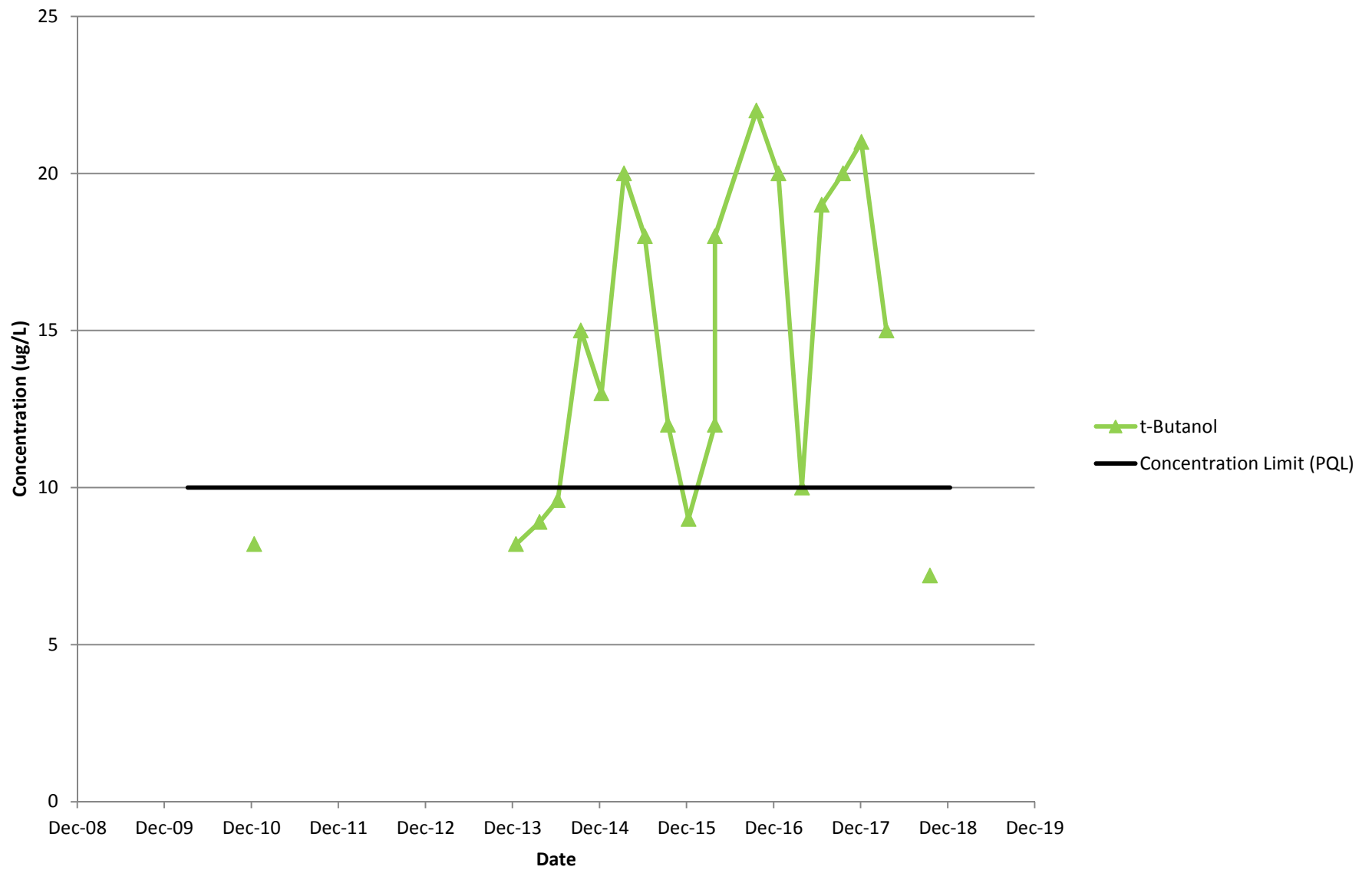
APPENDIX G

TRACKING MODE TRENDS

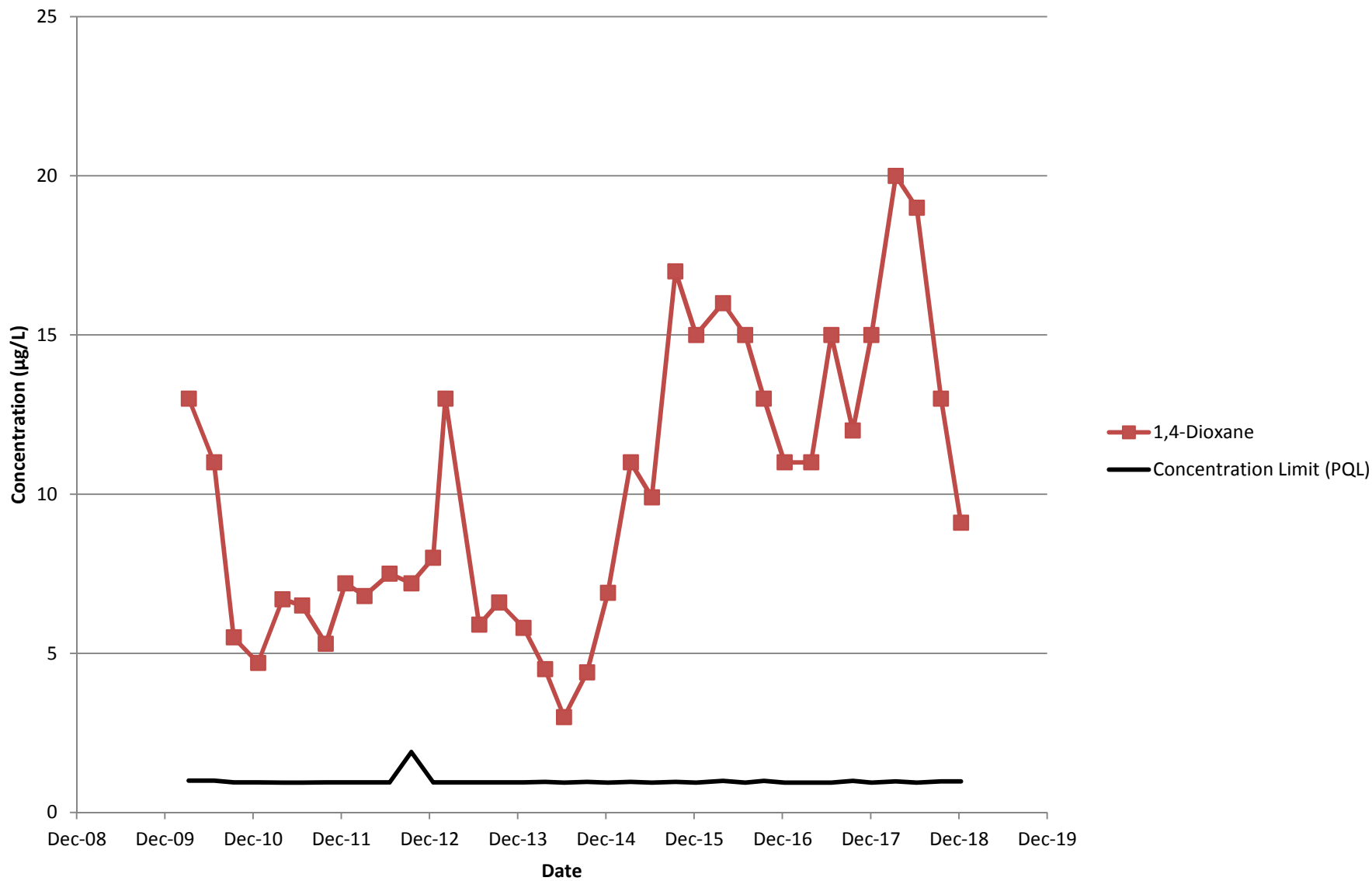
Tracking Mode Evaluation Shallow Well MW-1



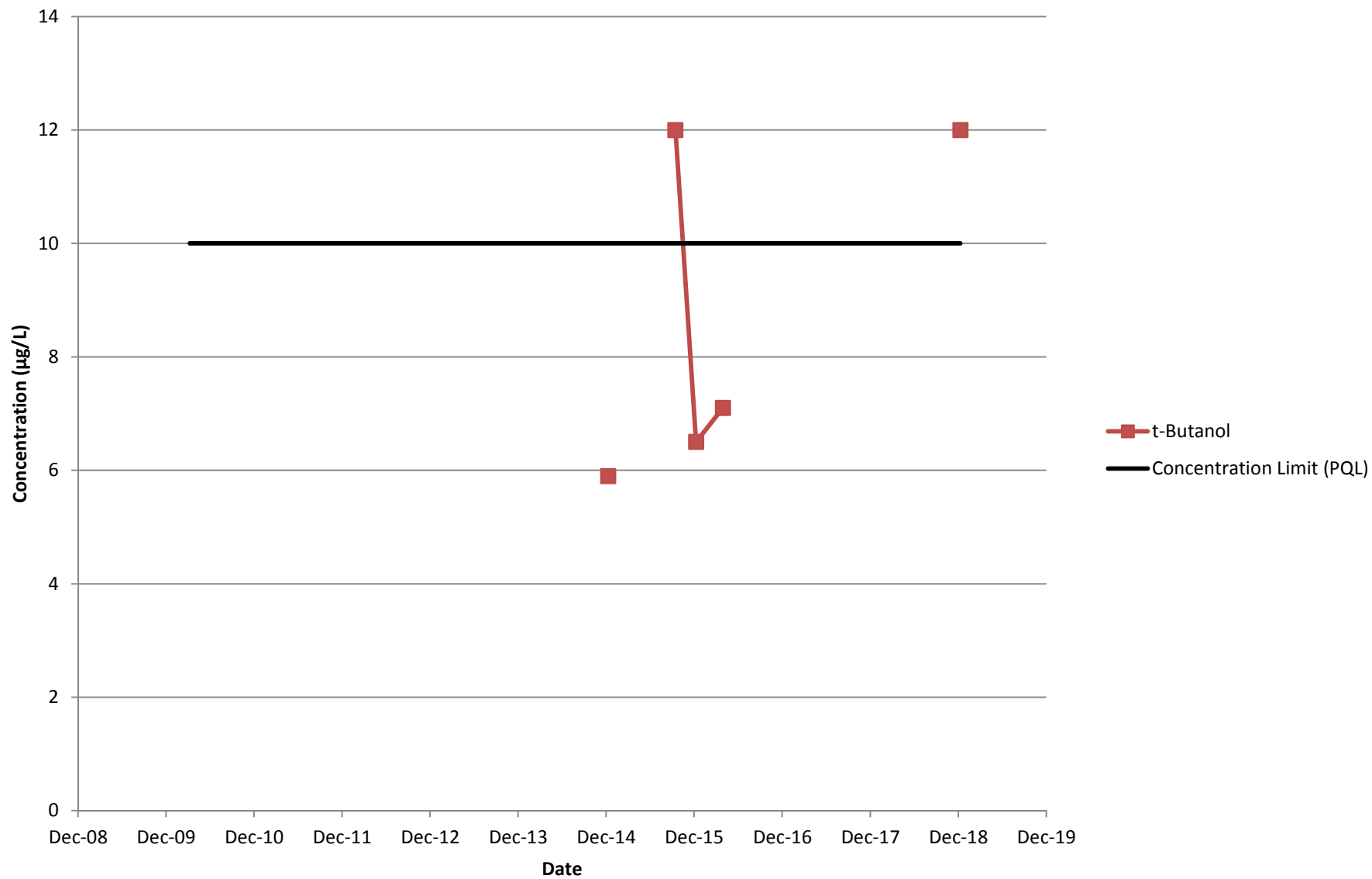
Tracking Mode Evaluation Shallow Well MW-1



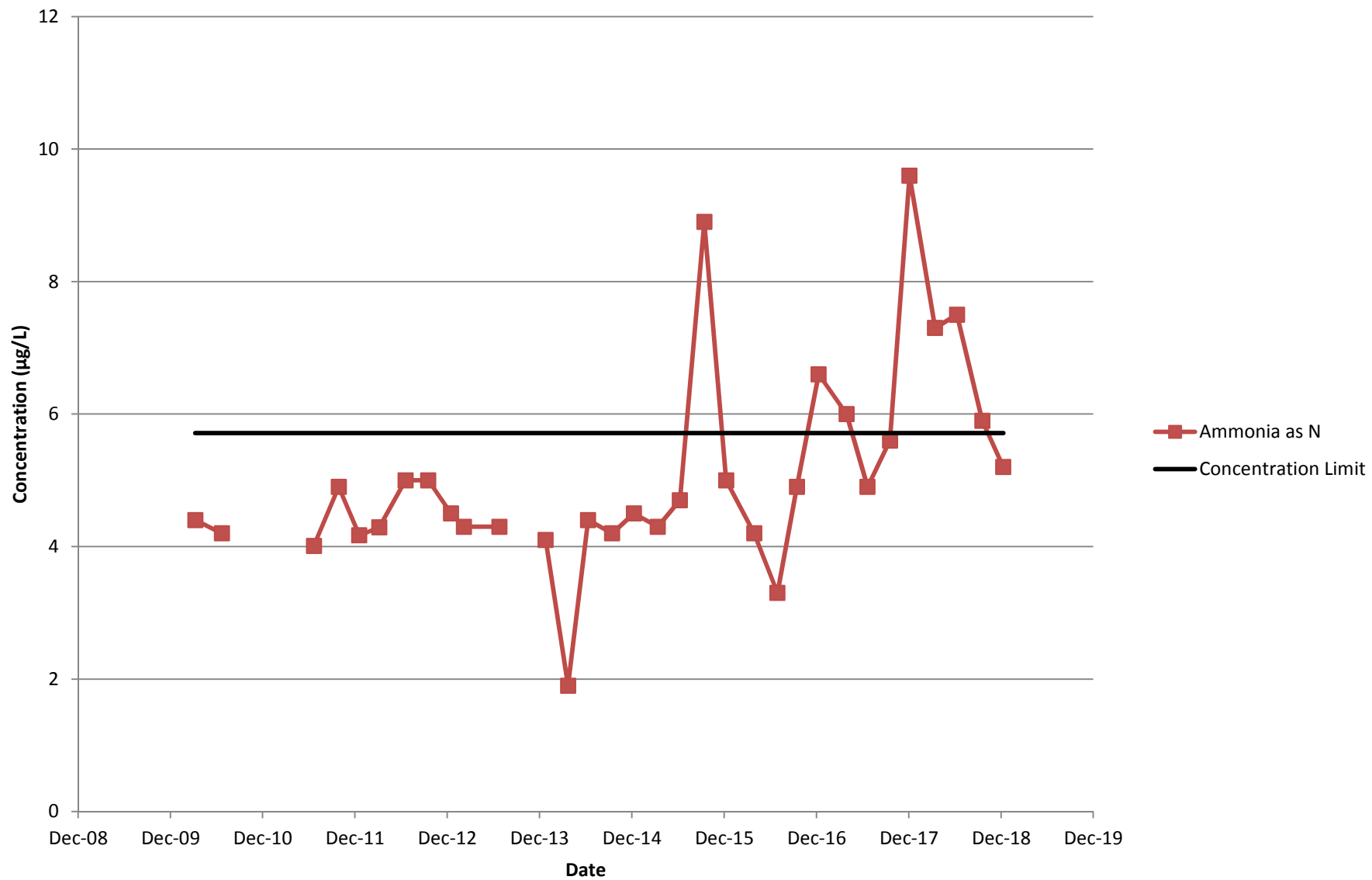
Tracking Mode Evaluation Shallow Well MW-5



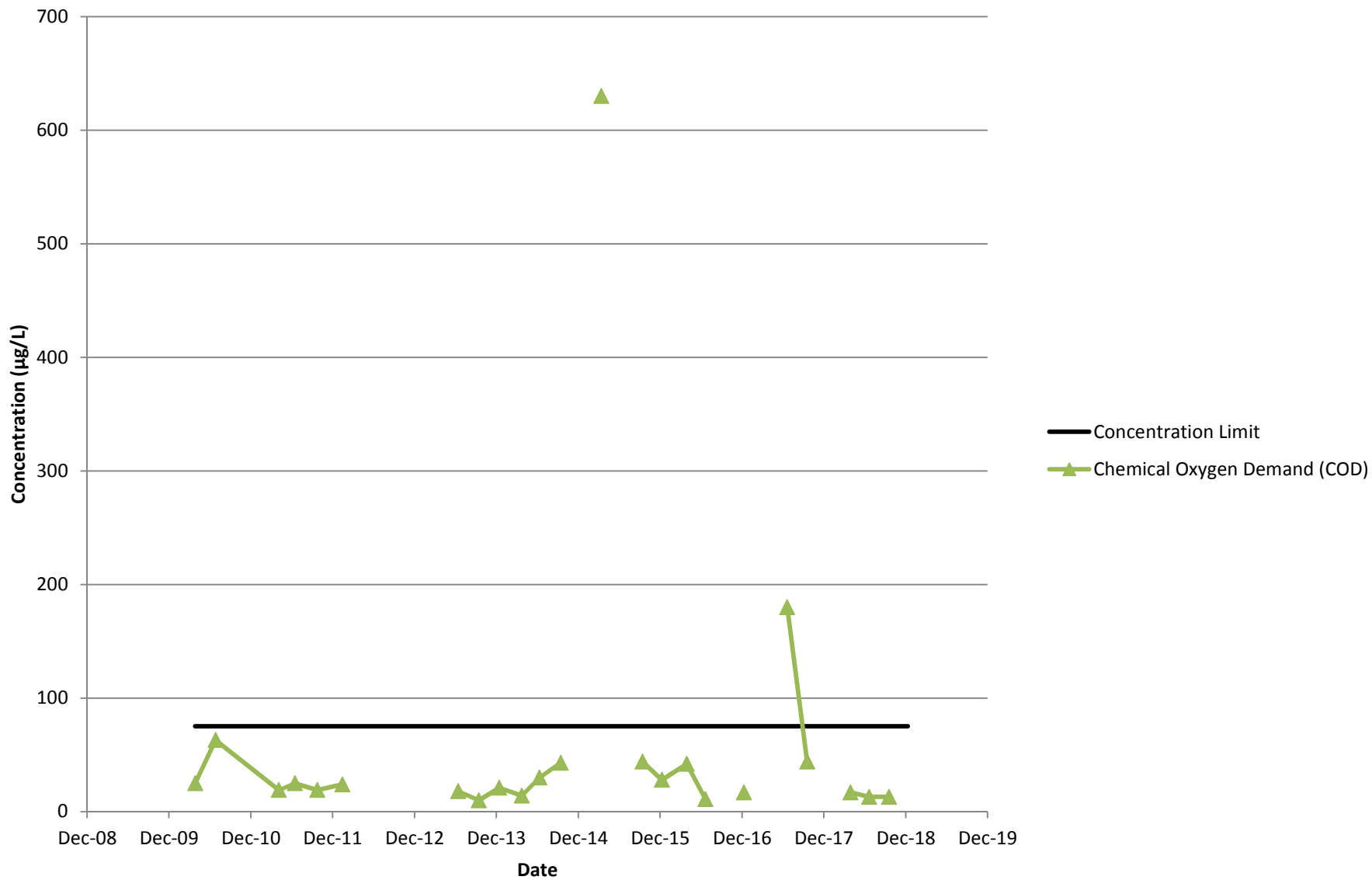
Tracking Mode Evaluation Shallow Well MW-5



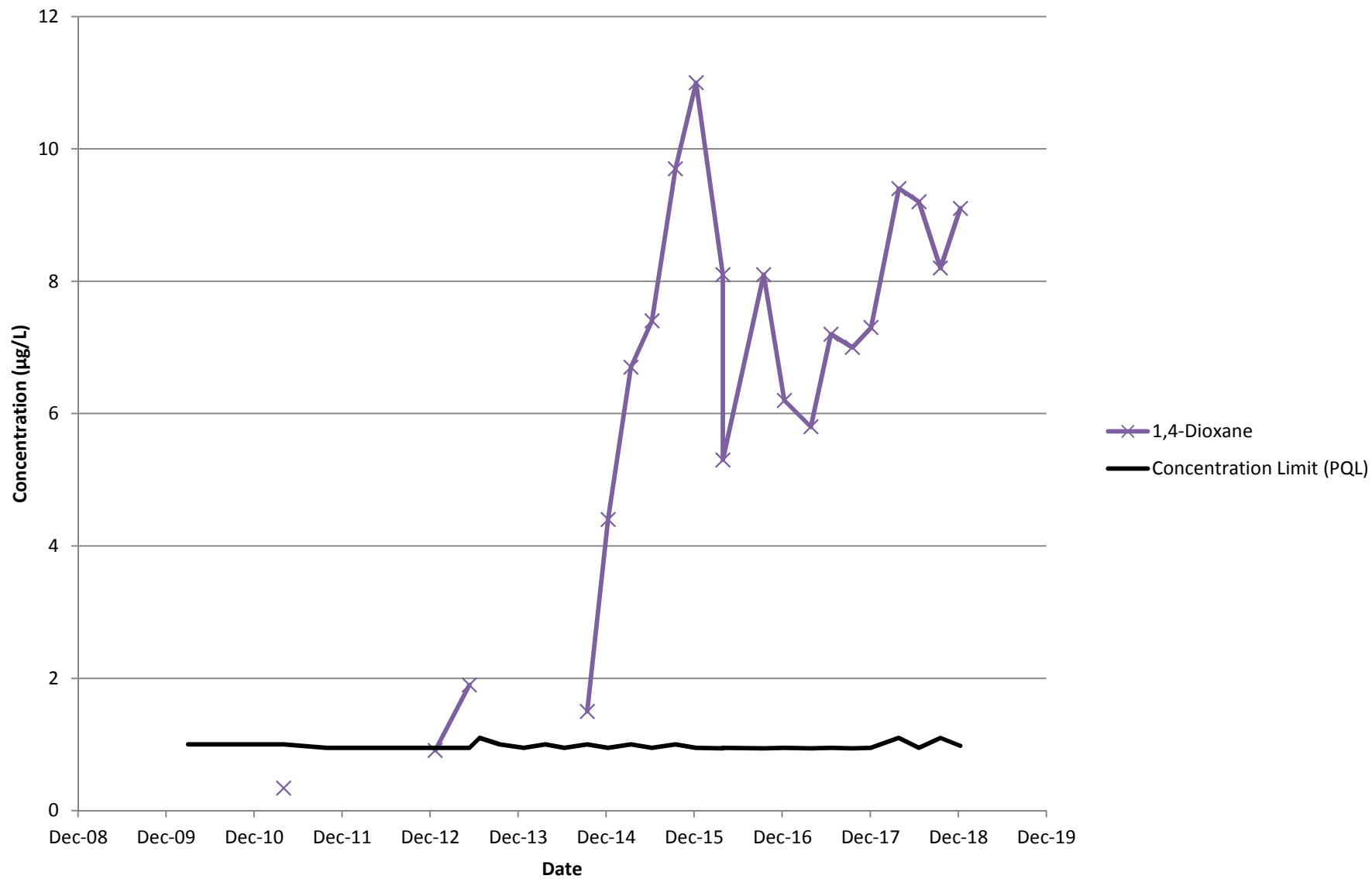
Tracking Mode Evaluation Shallow Well MW-5



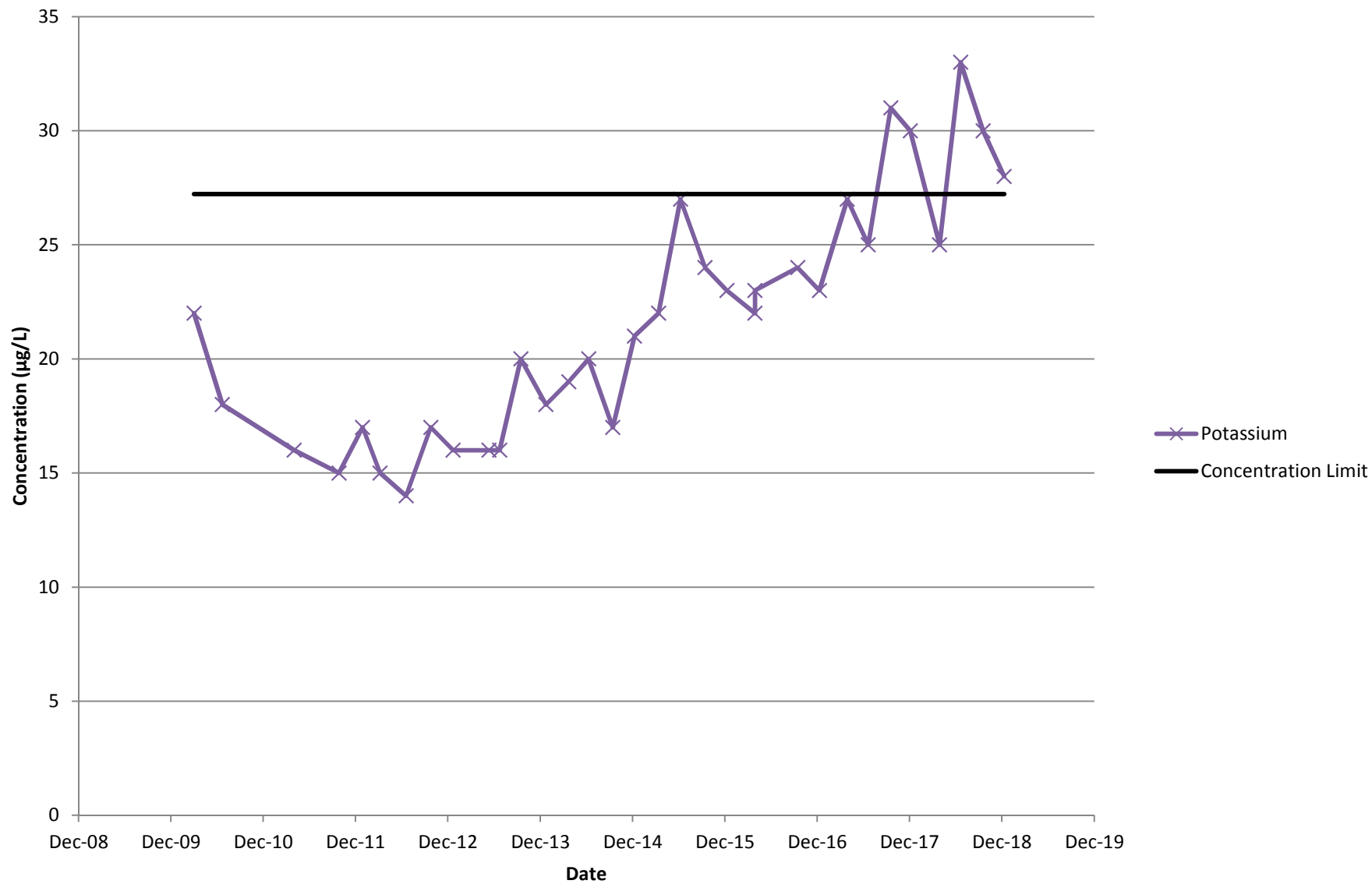
Tracking Mode Evaluation Shallow Well MW-6



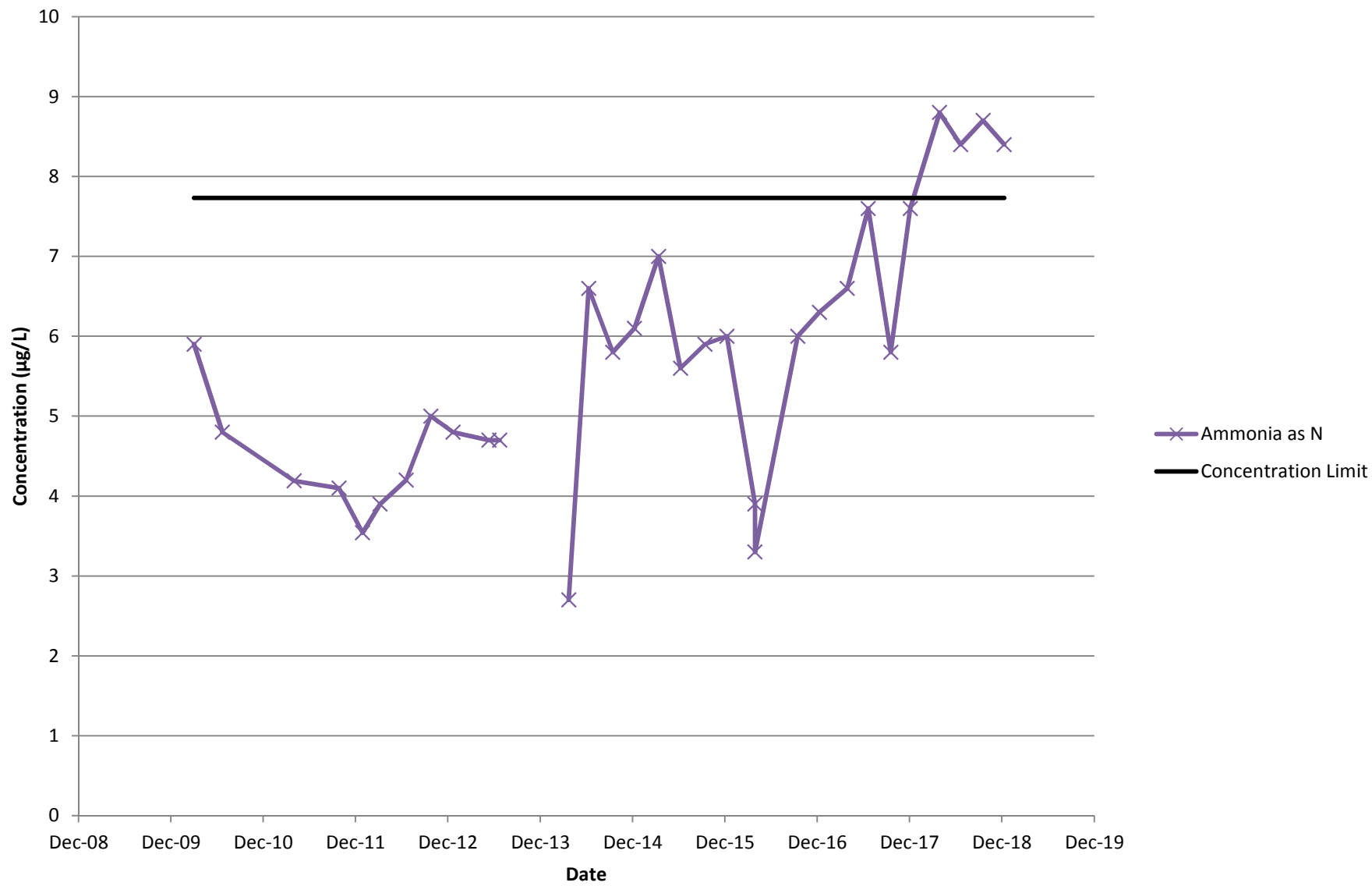
Tracking Mode Evaluation Shallow Well MW-13R



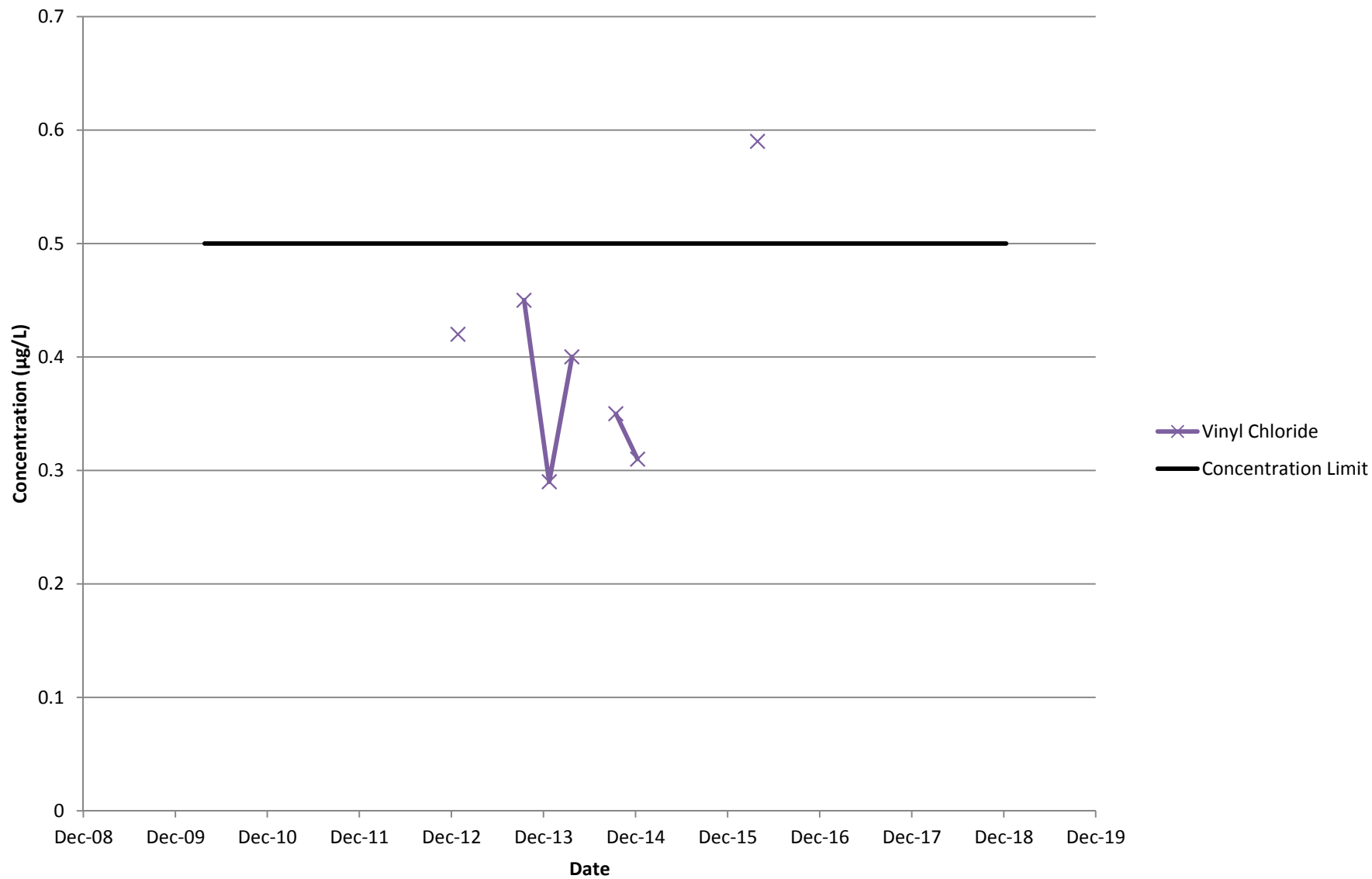
Tracking Mode Evaluation Shallow Well MW-13R



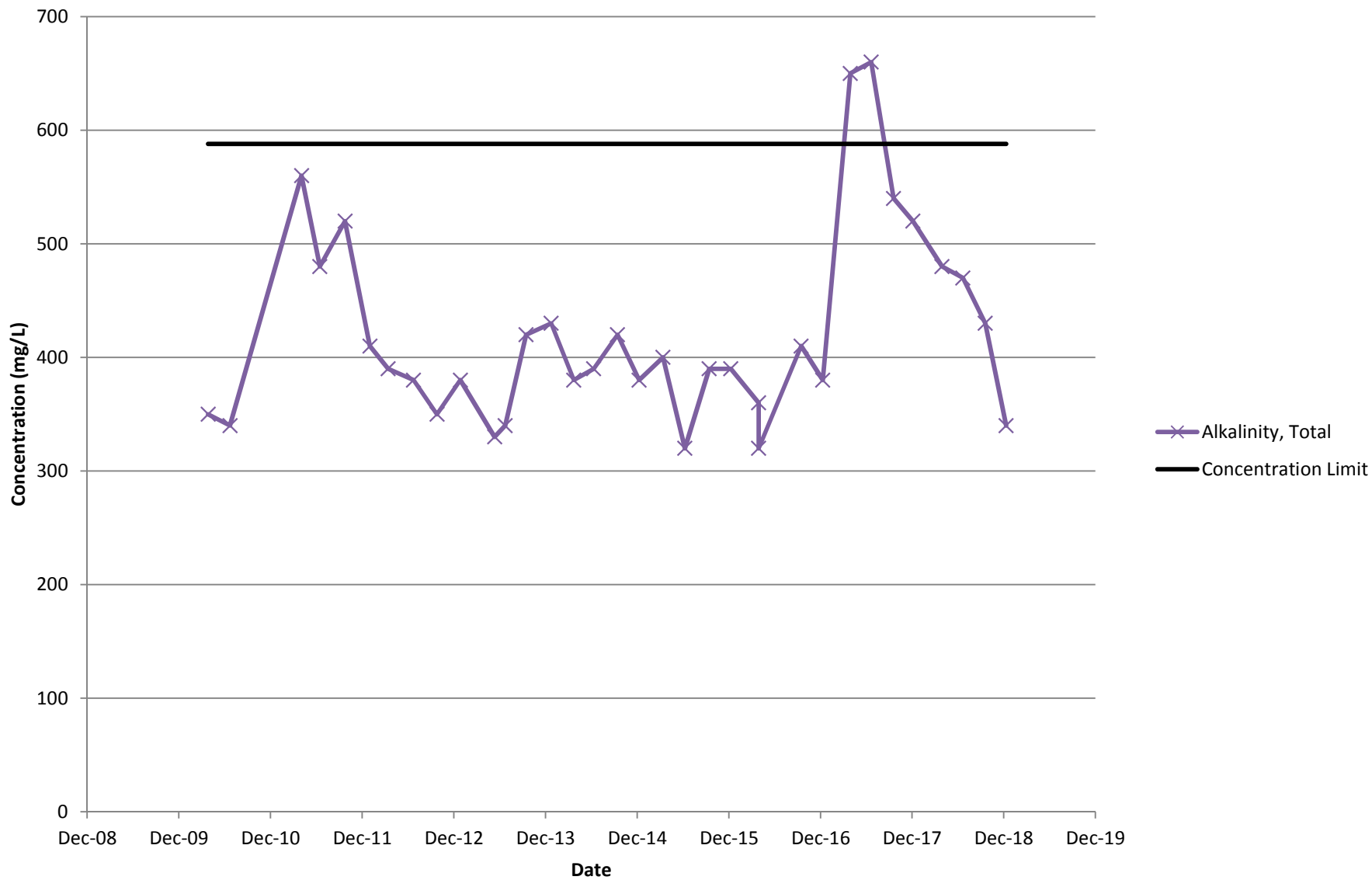
Tracking Mode Evaluation Shallow Well MW-13R



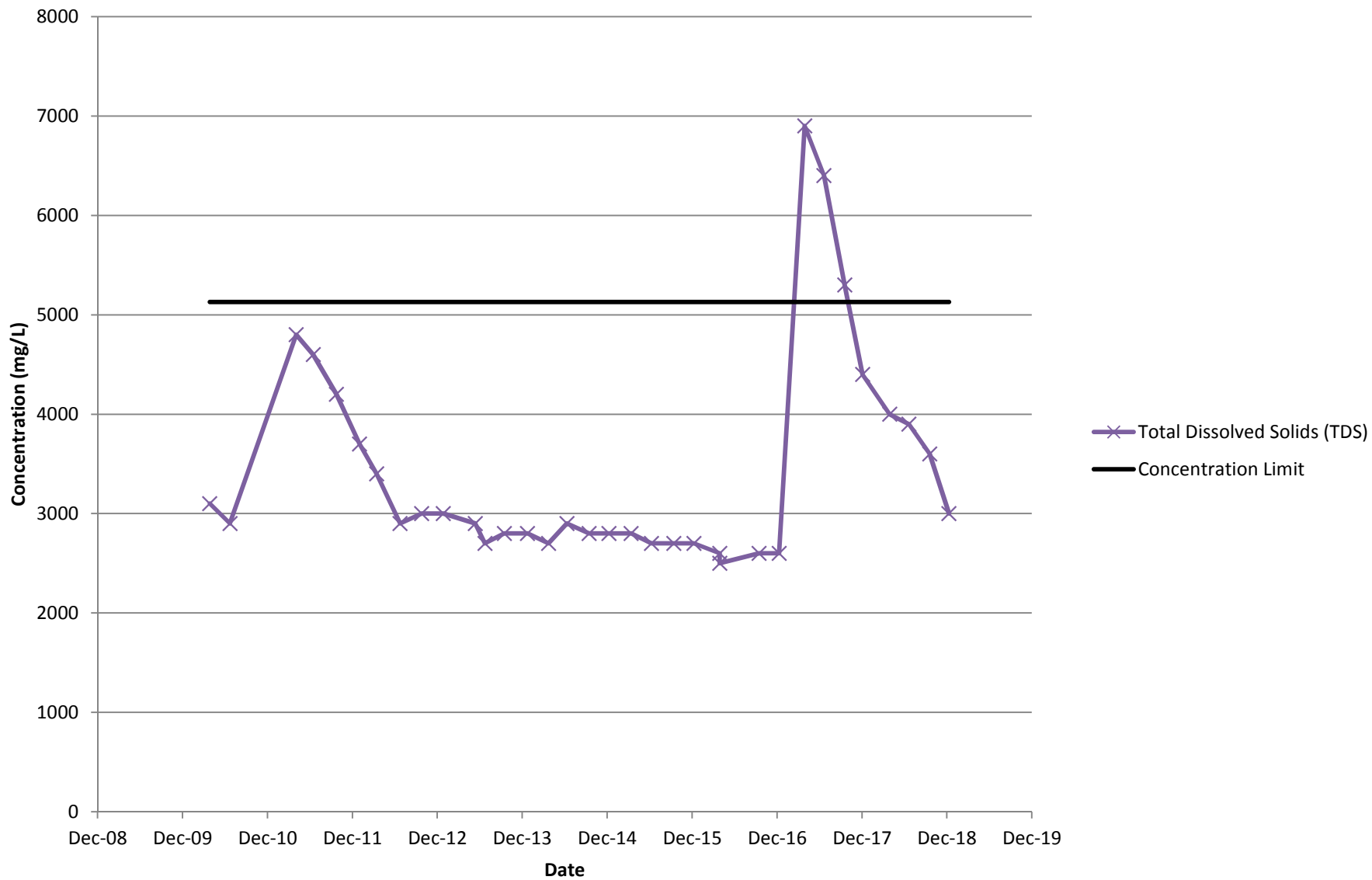
Tracking Mode Evaluation Shallow Well MW-14



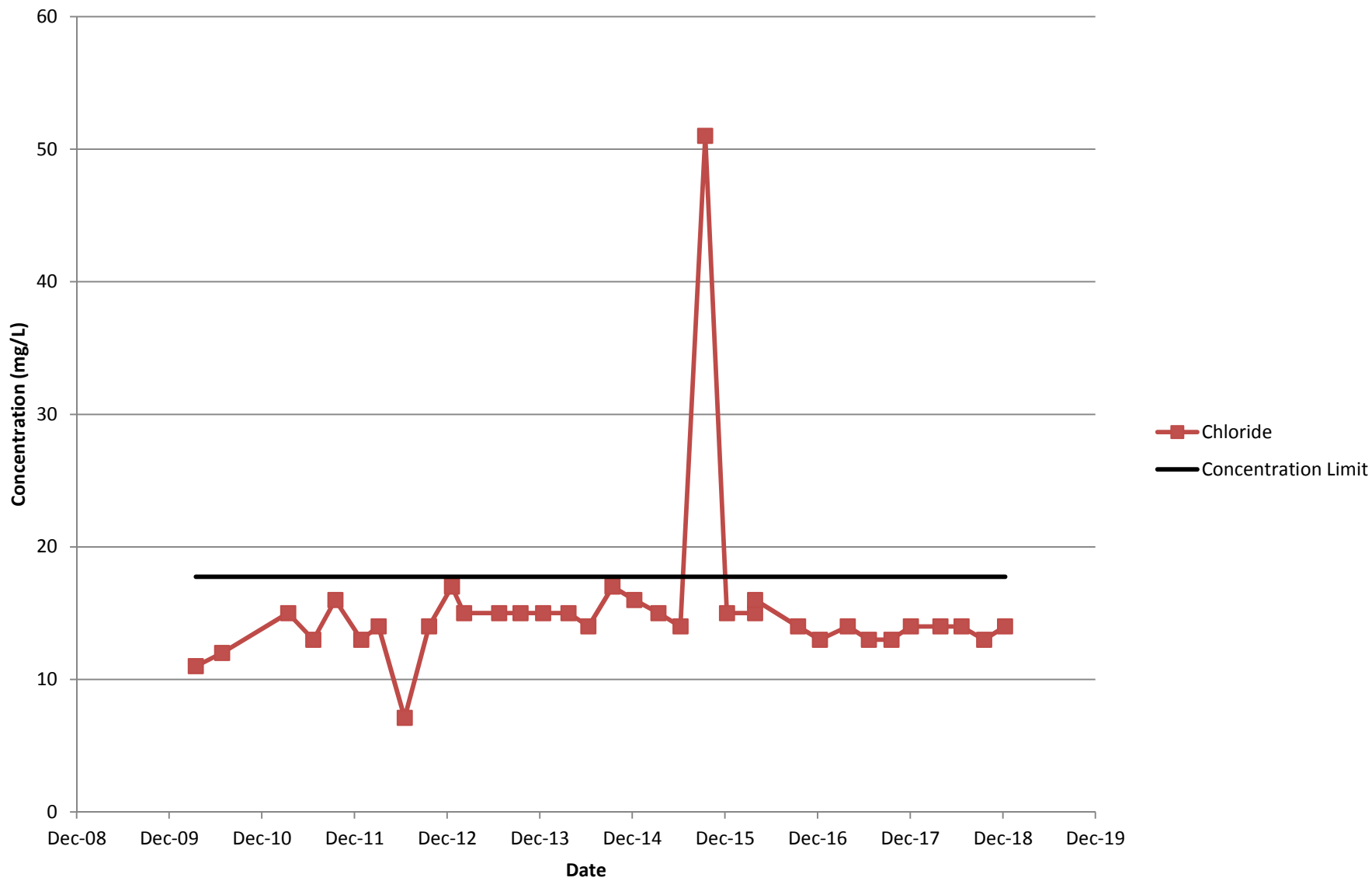
Tracking Mode Evaluation Shallow Well MW-14



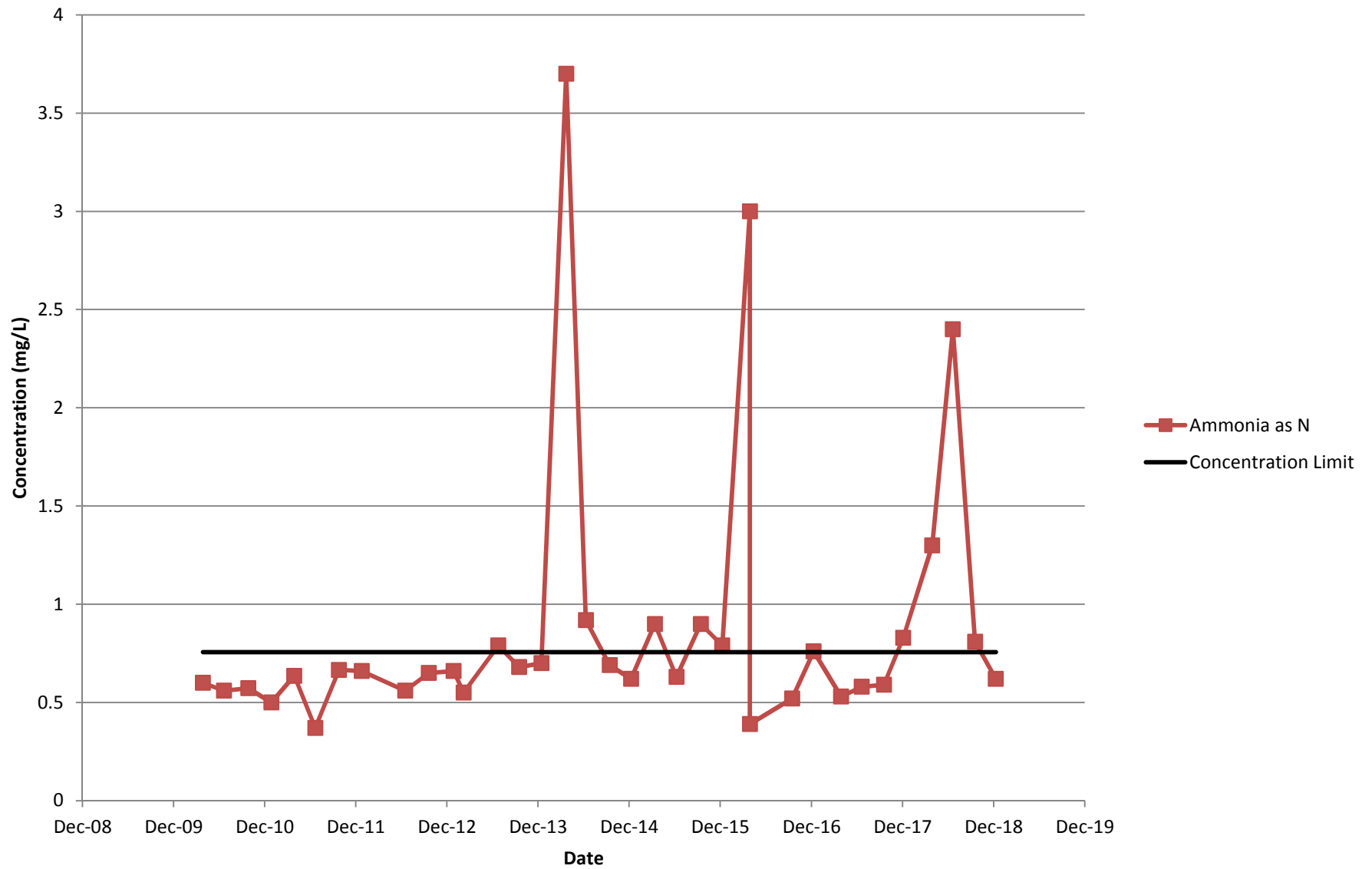
Tracking Mode Evaluation Shallow Well MW-14



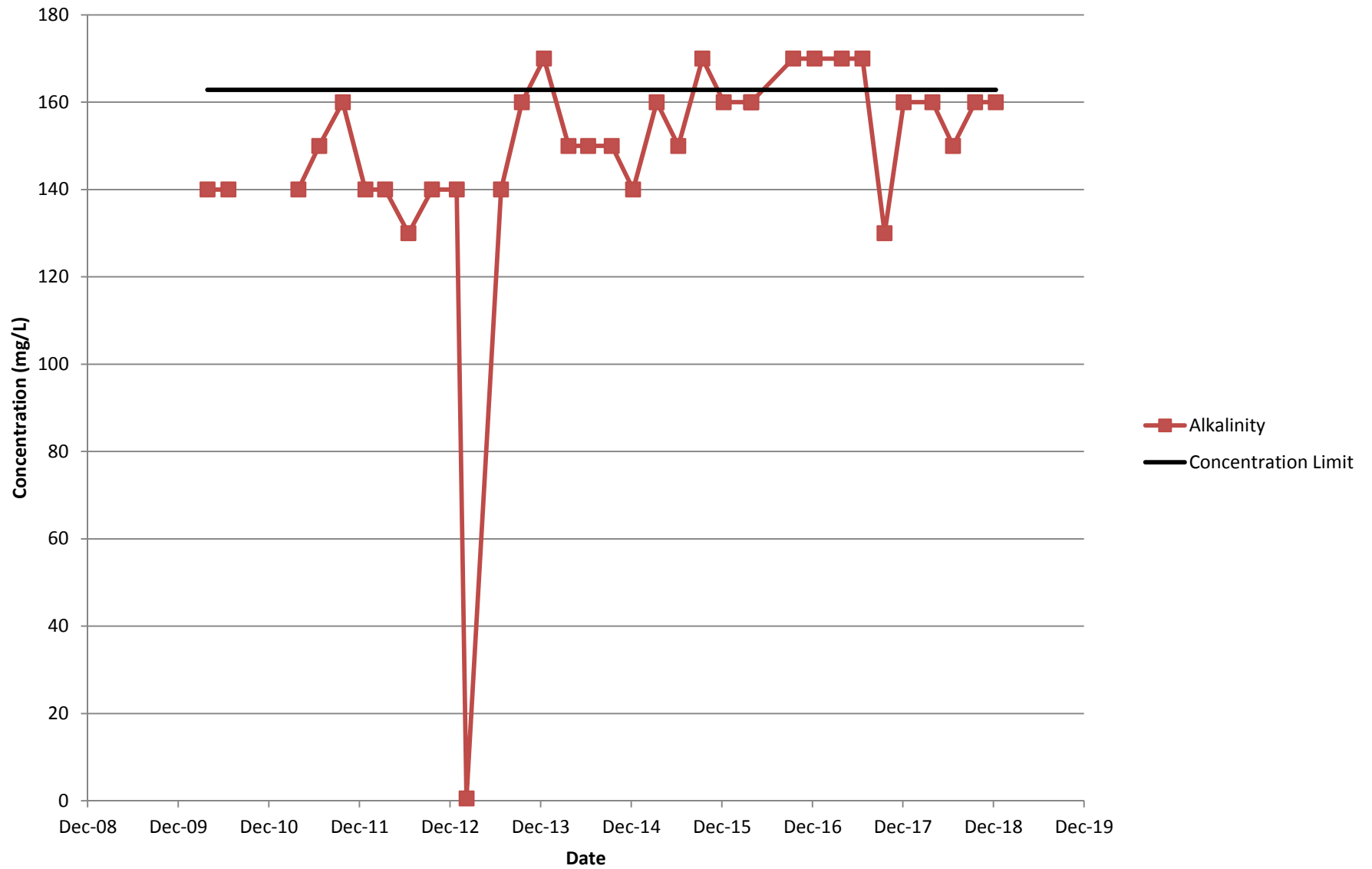
Tracking Mode Evaluation Deep Well DW-1



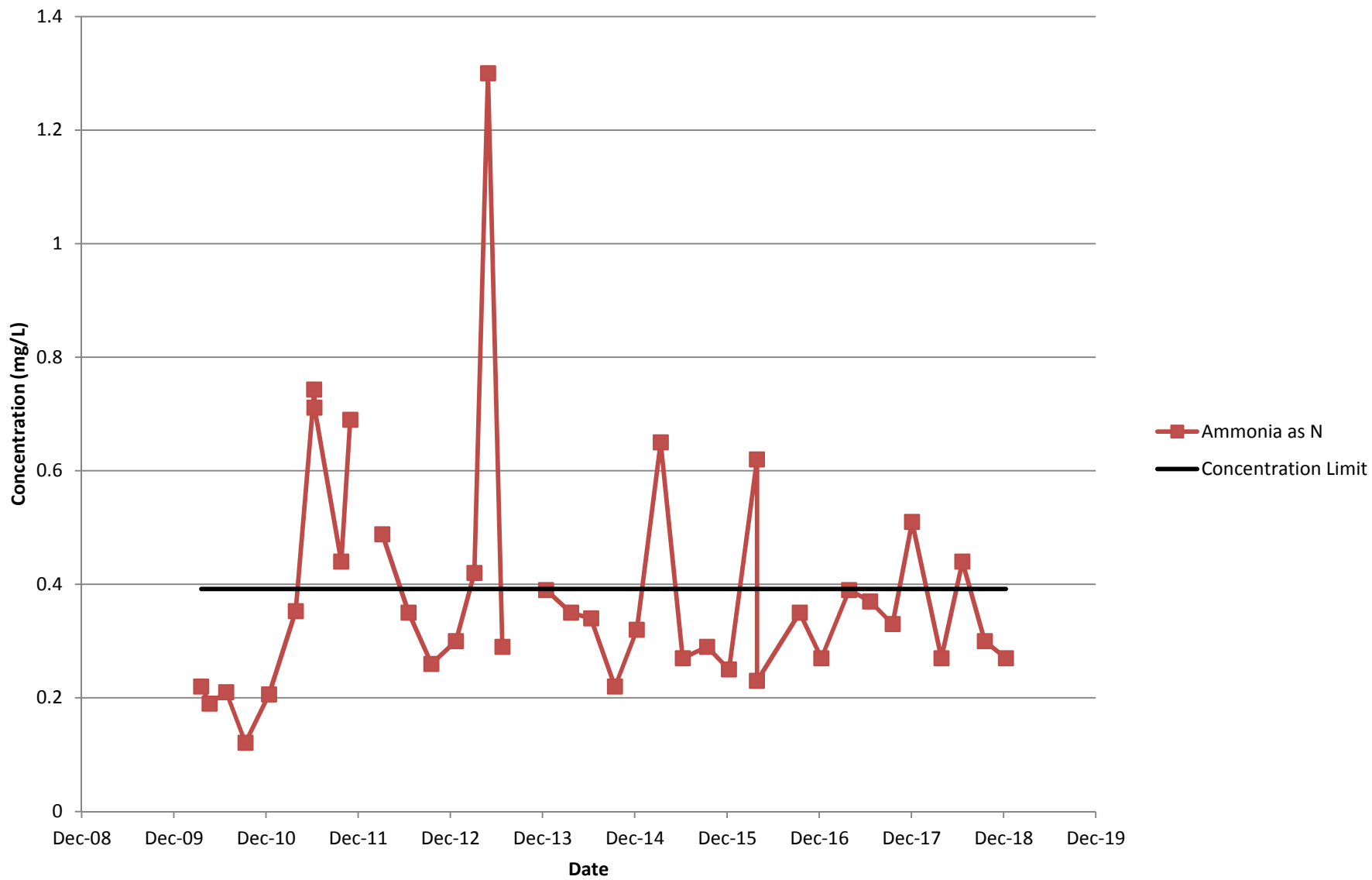
Tracking Mode Evaluation Deep Well DW-3



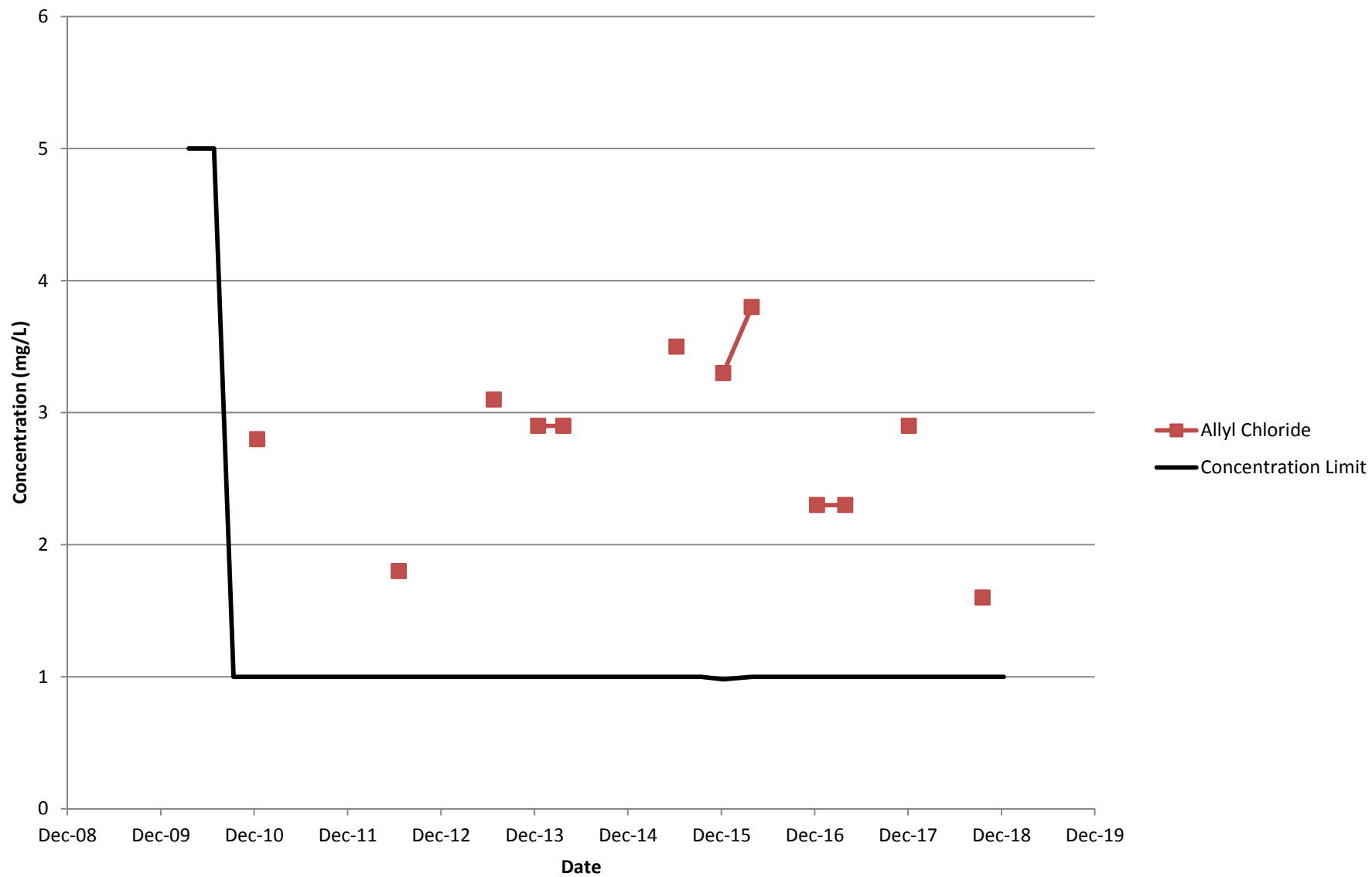
Tracking Mode Evaluation Deep Well DW-3



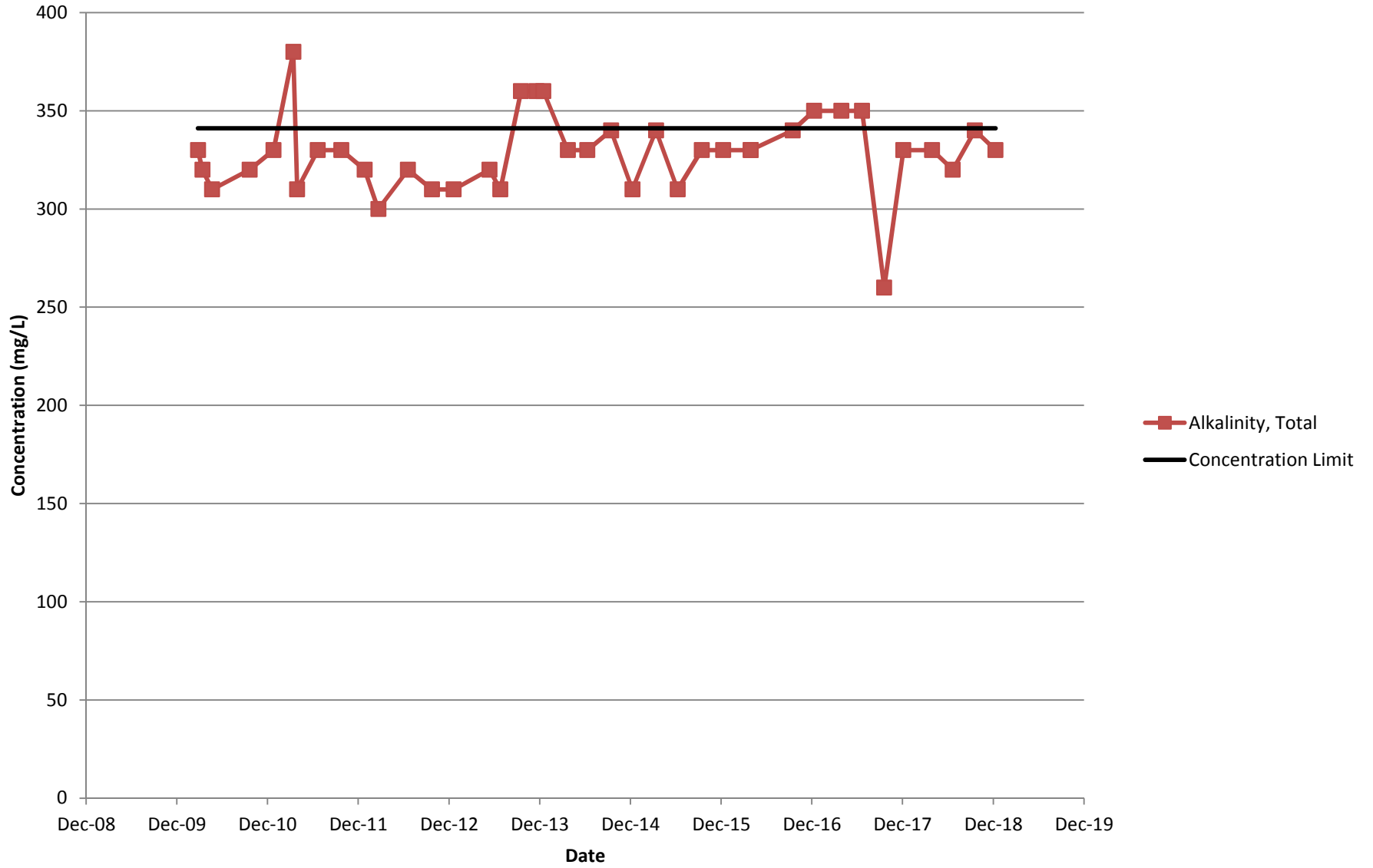
Tracking Mode Evaluation Deep Well DW-5



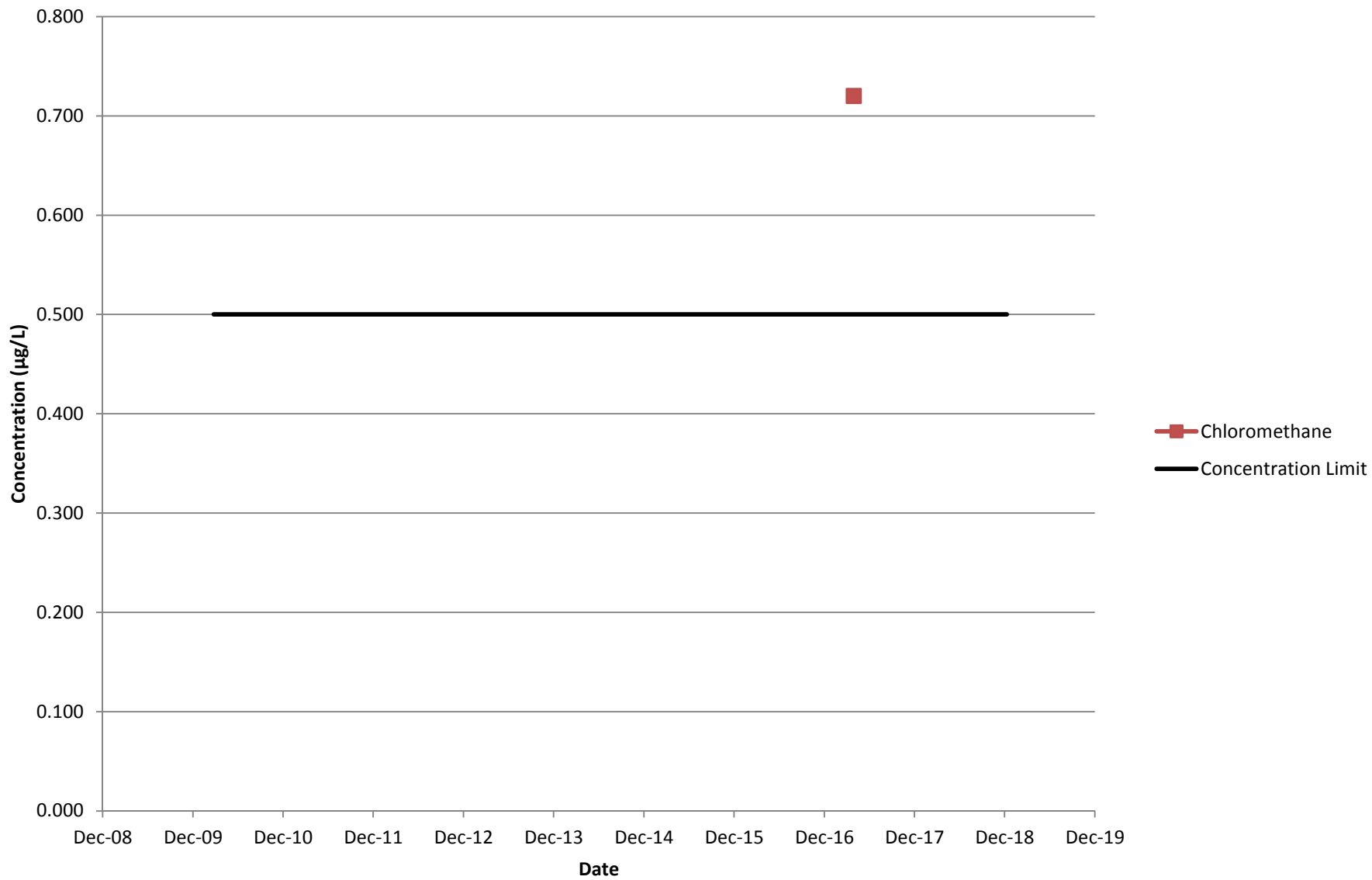
Tracking Mode Evaluation Deep Well DW-5



Historical Constituent Concentrations Deep Well PZ-4



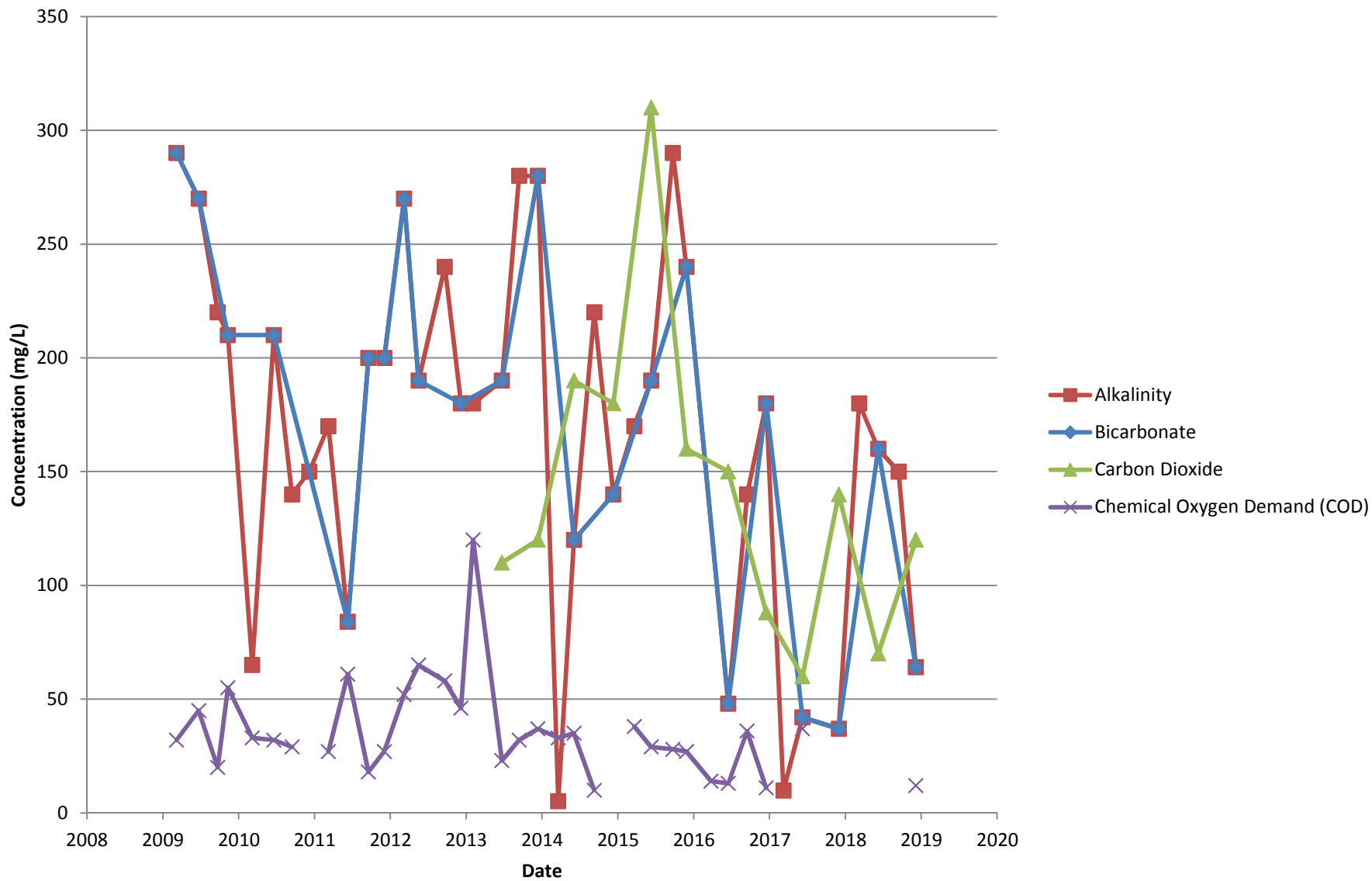
Historical Constituent Concentrations Deep Well PZ-4



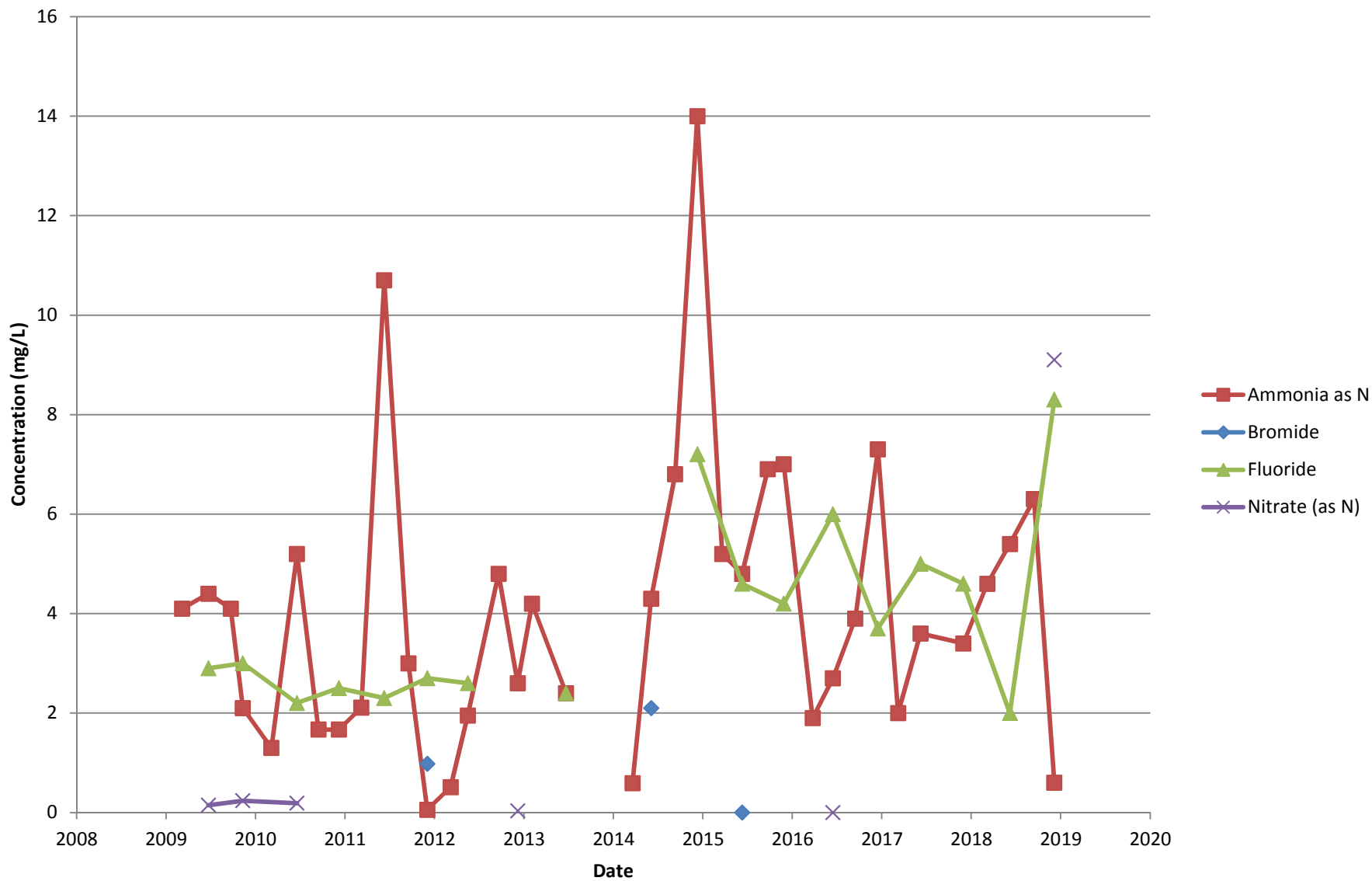
APPENDIX H

GRAPHICAL PRESENTATION OF ANALYTICAL DATA

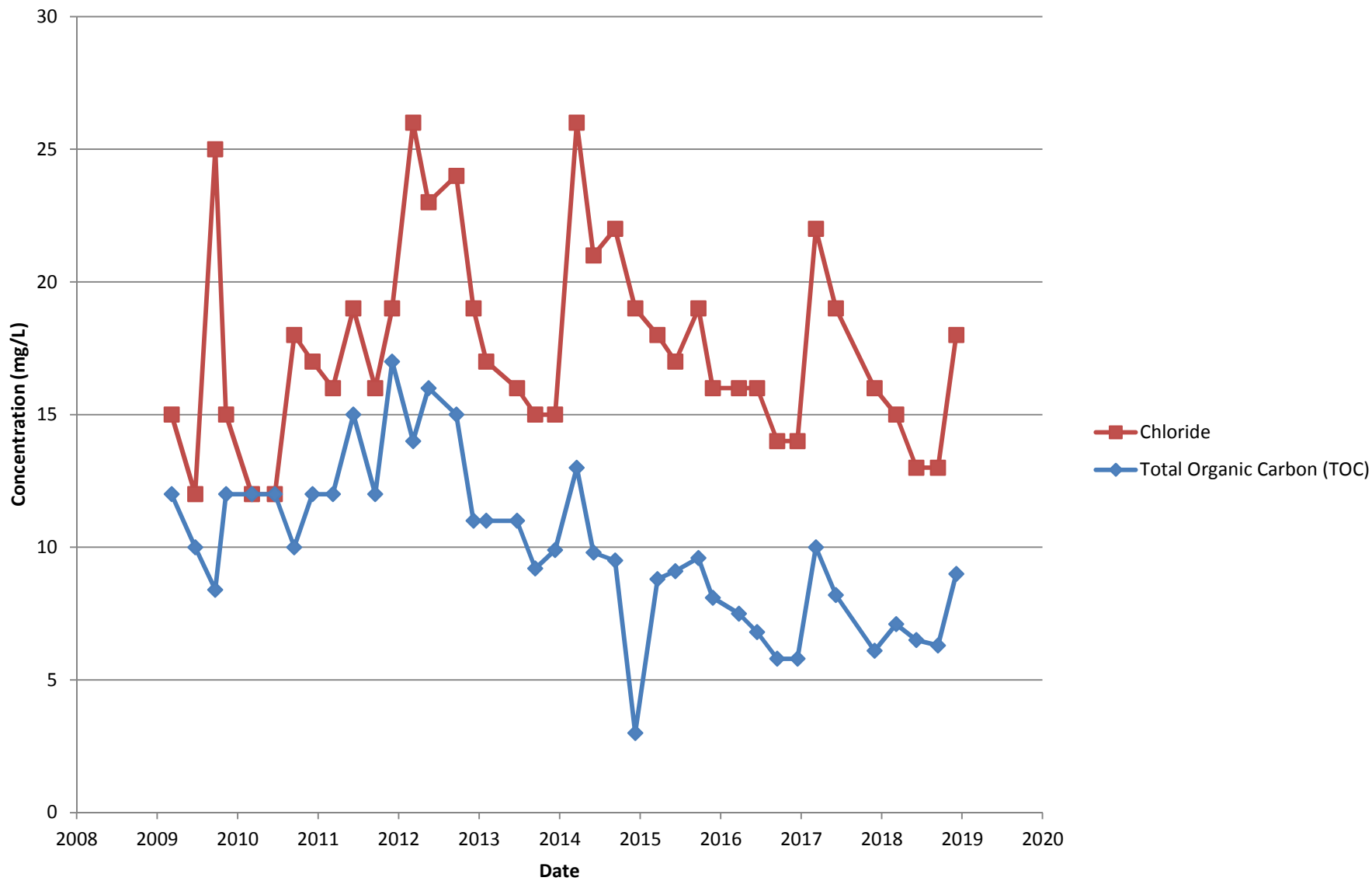
Historical Constituent Concentrations Background Well CM-9R3



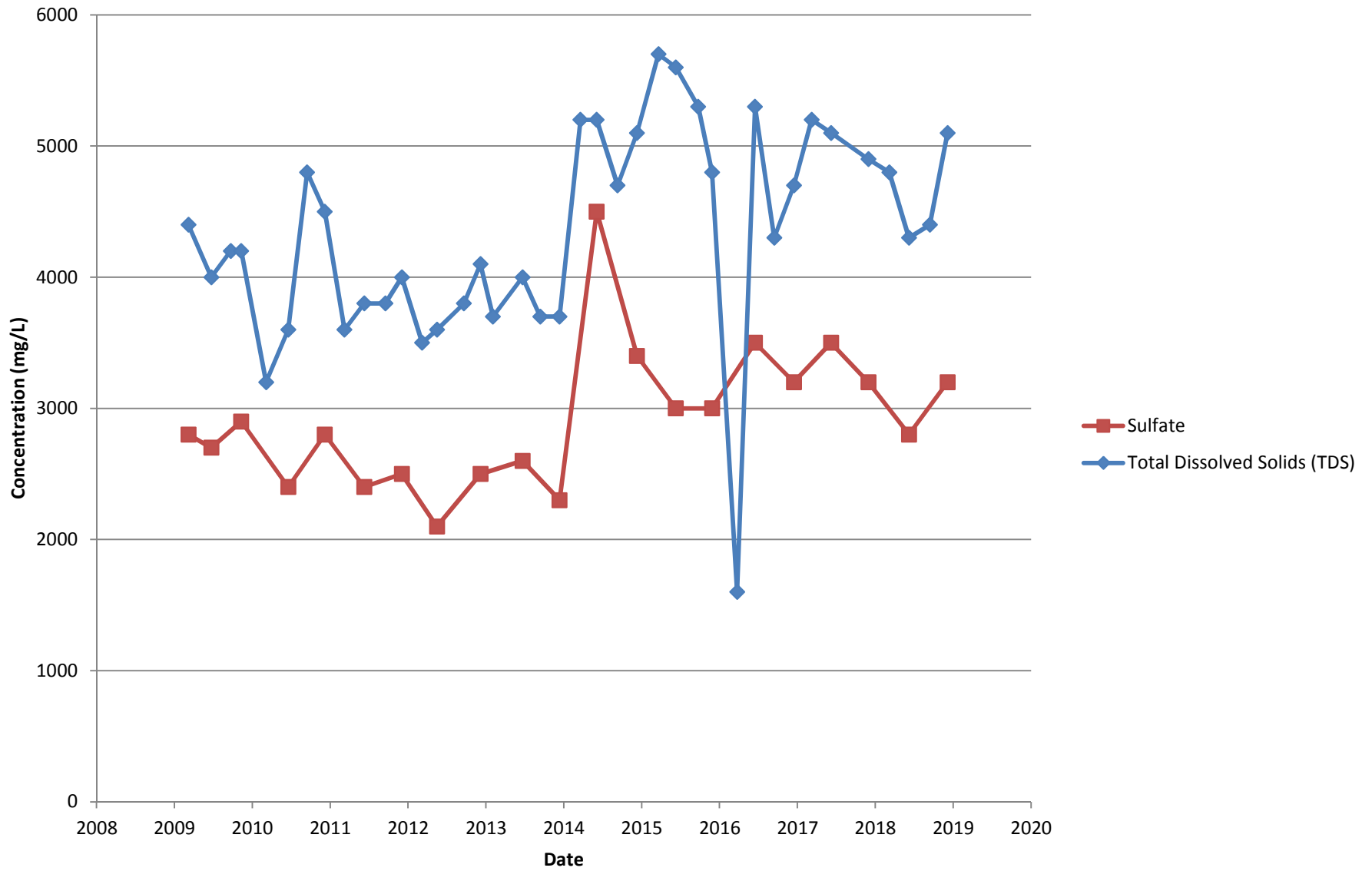
Historical Constituent Concentrations Background Well CM-9R3



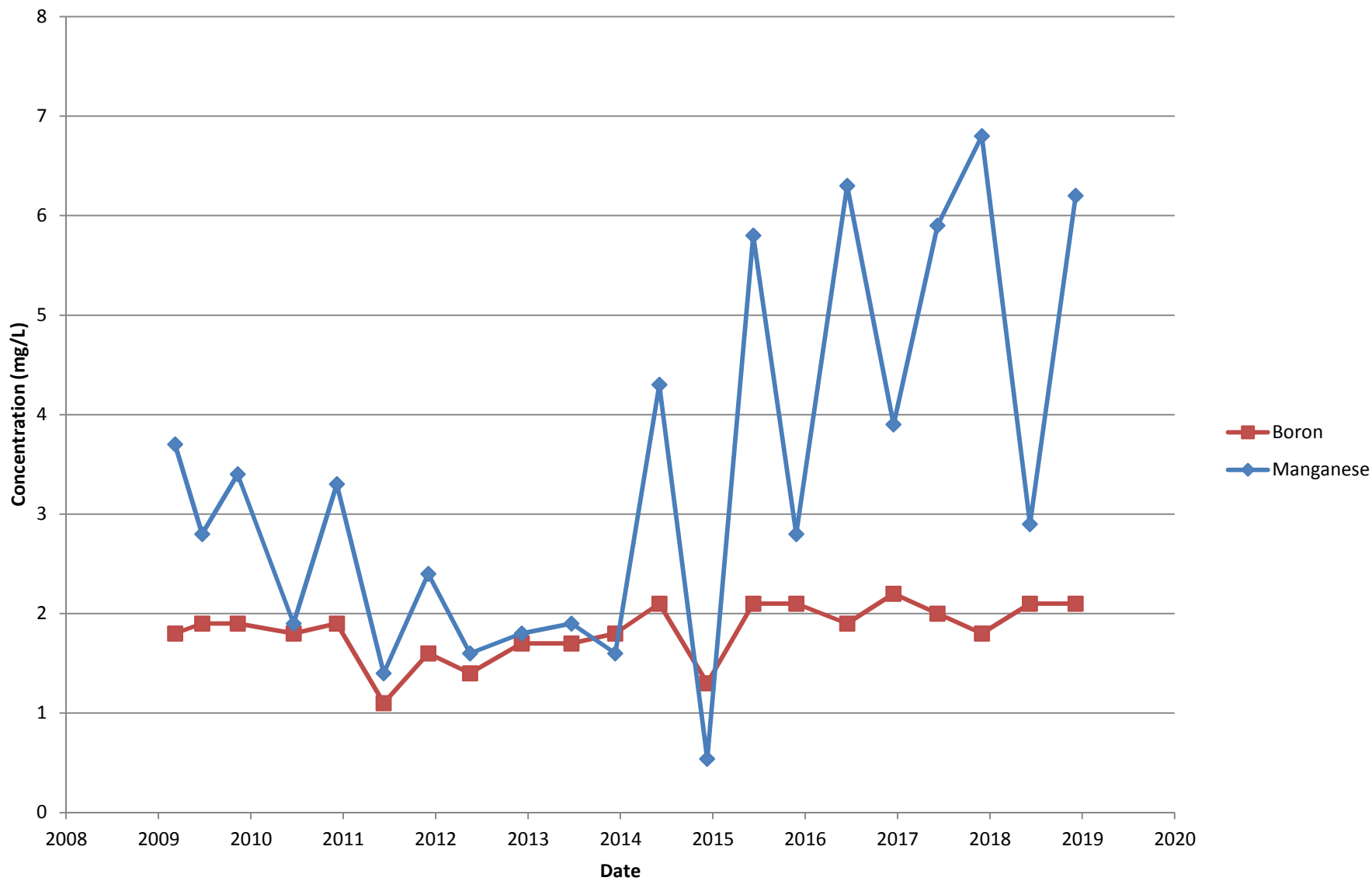
Historical Constituent Concentrations Background Well CM-9R3



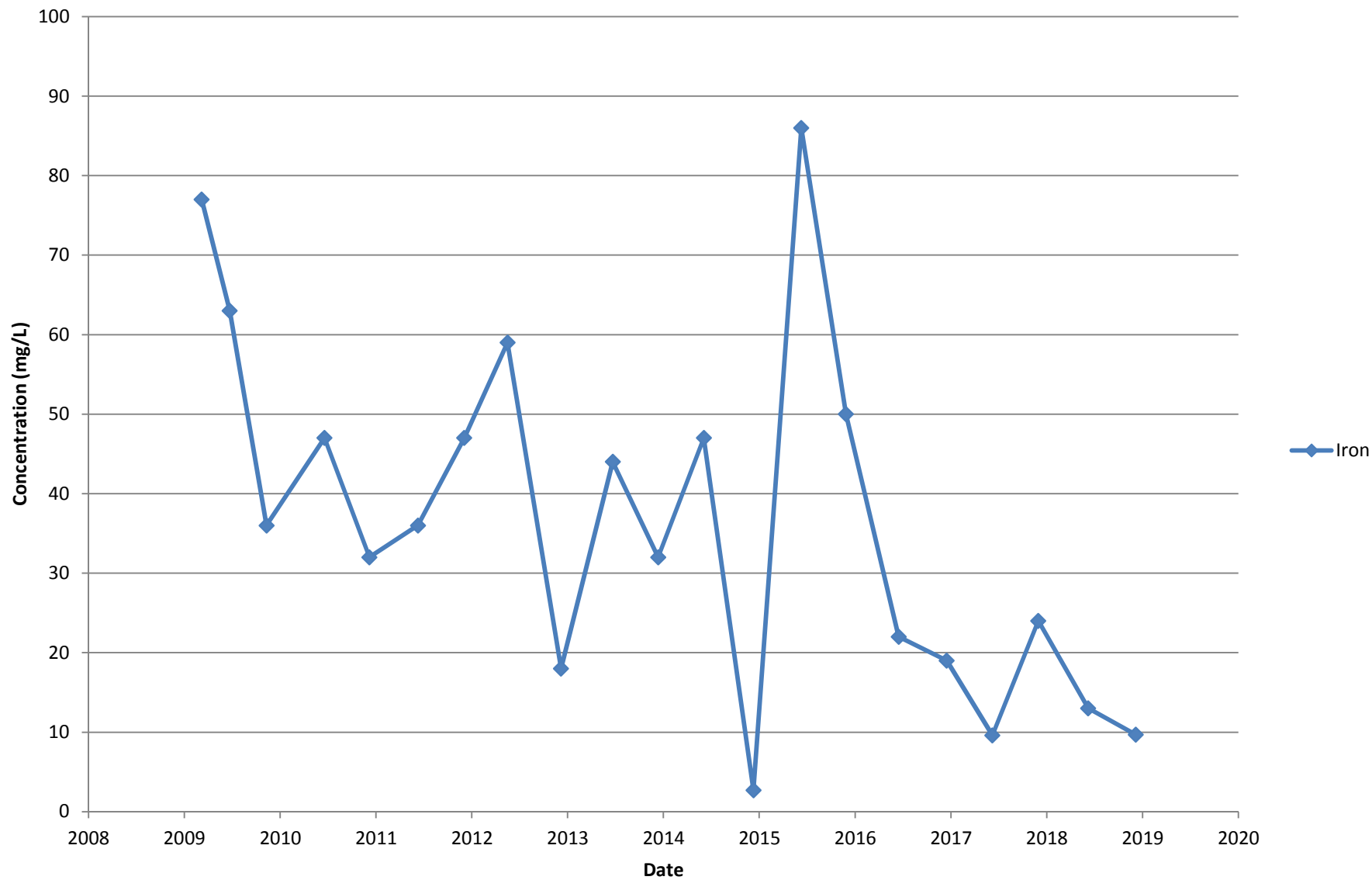
Historical Constituent Concentrations Background Well CM-9R3



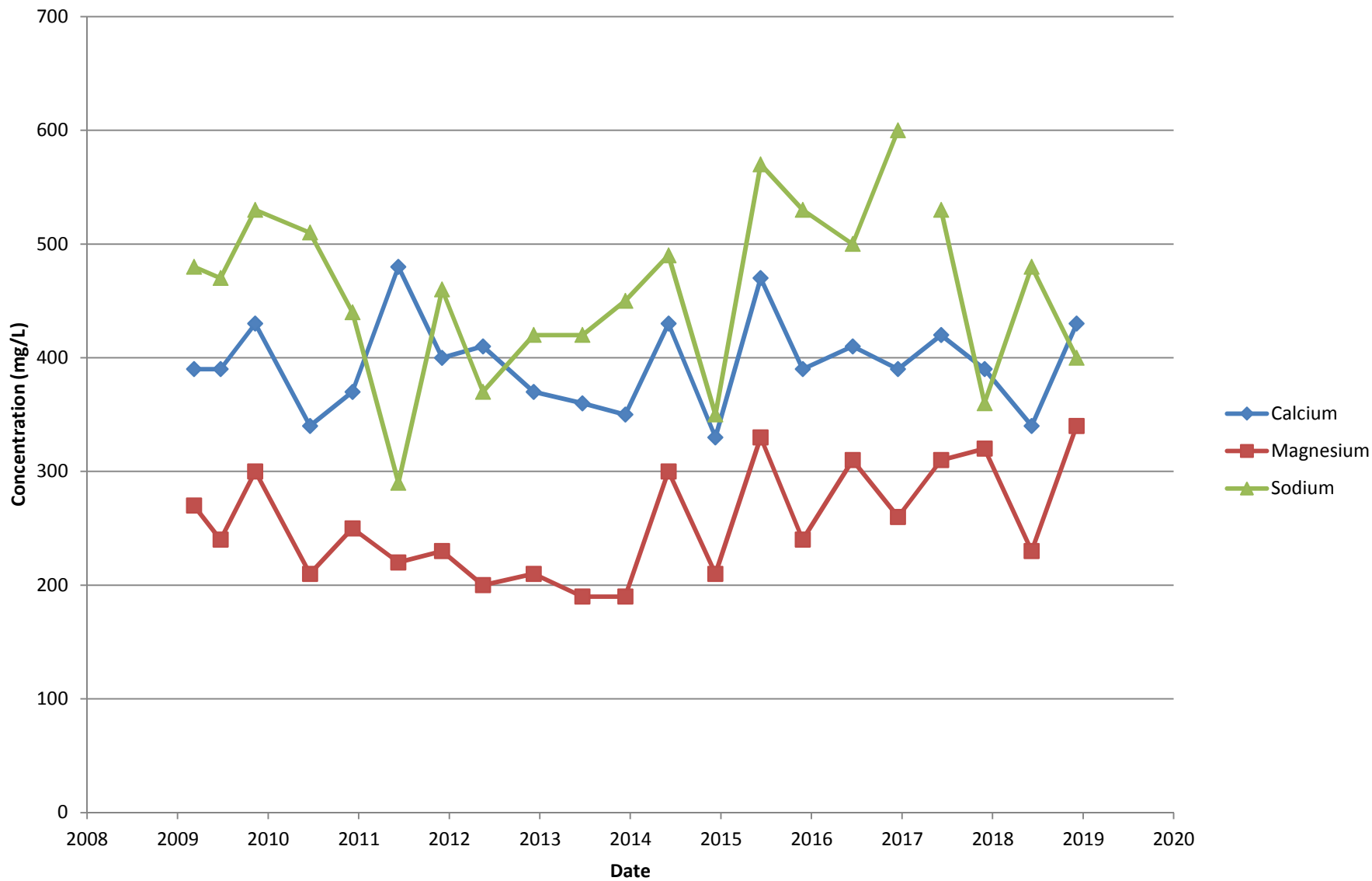
Historical Constituent Concentrations Background Well CM-9R3



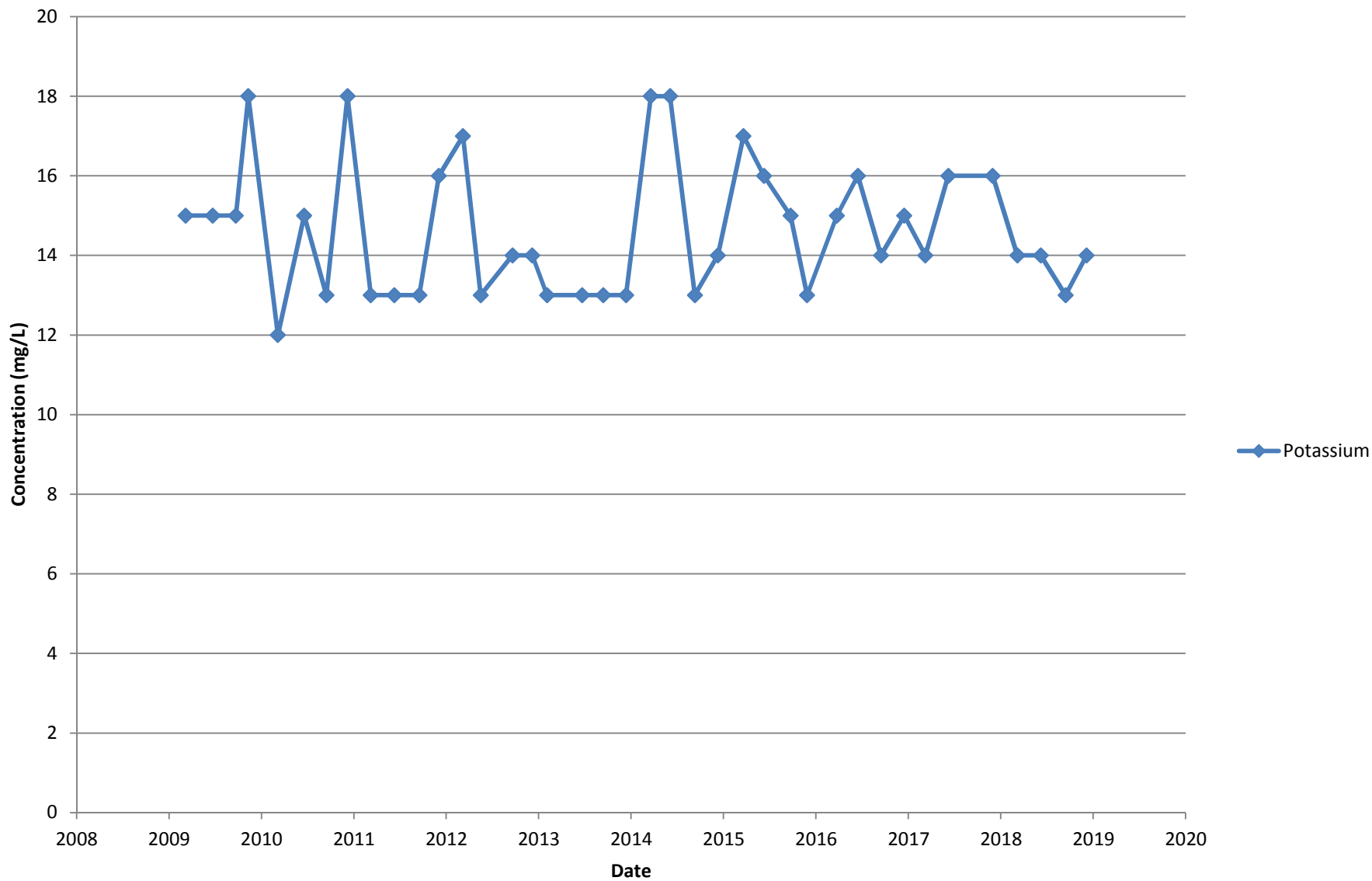
Historical Constituent Concentrations Background Well CM-9R3



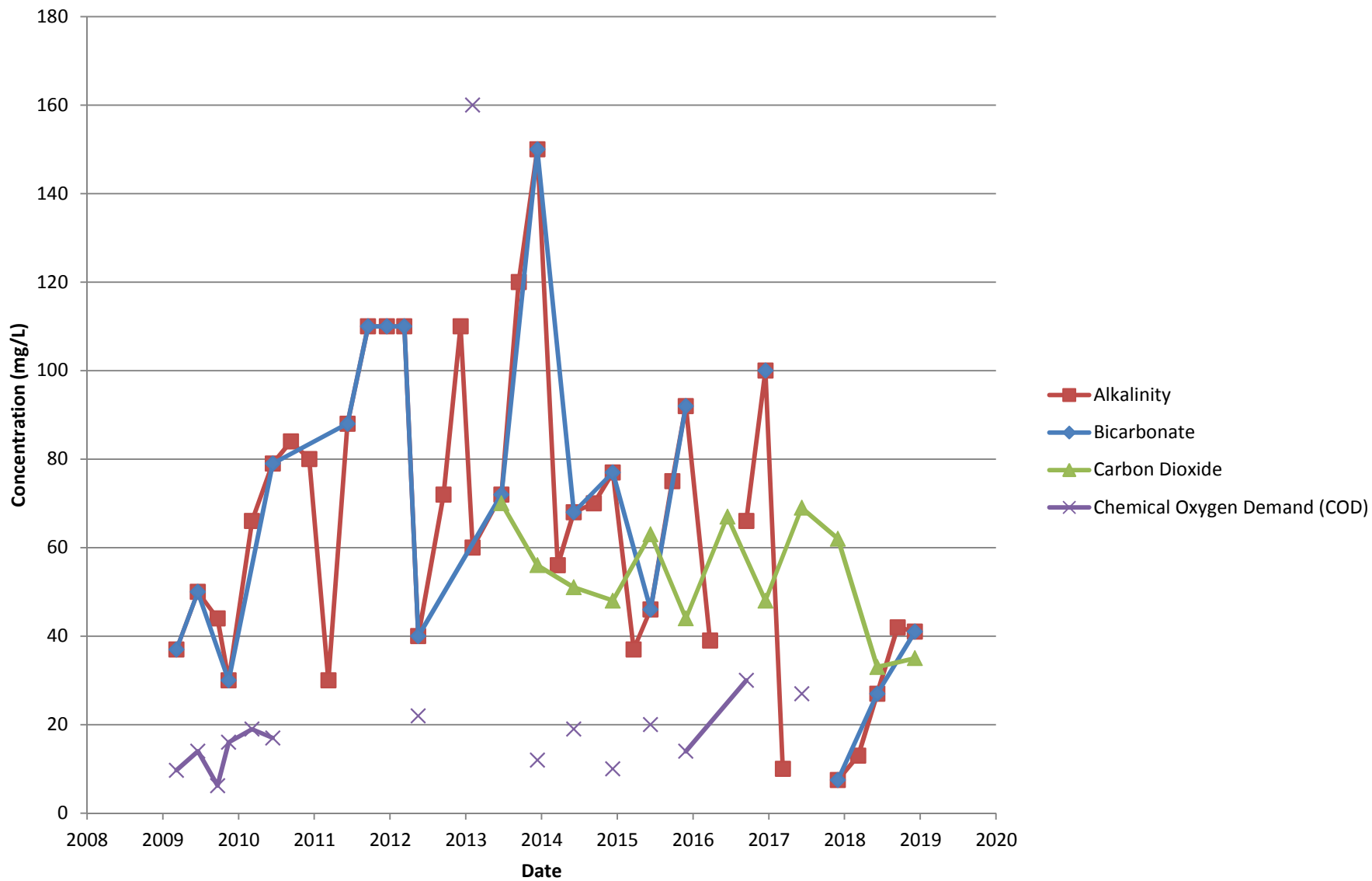
Historical Constituent Concentrations Background Well CM-9R3



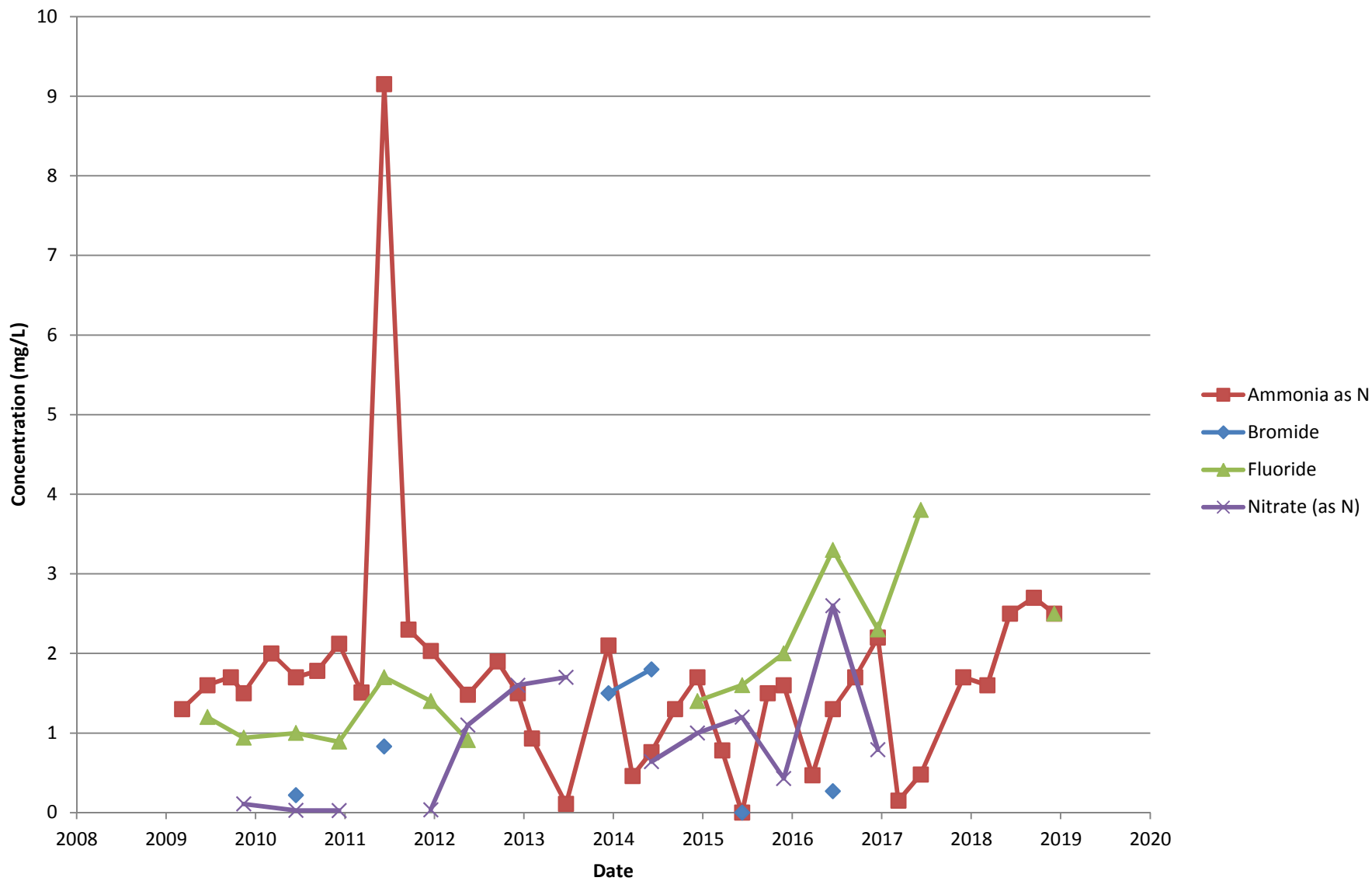
Historical Constituent Concentrations Background Well CM-9R3



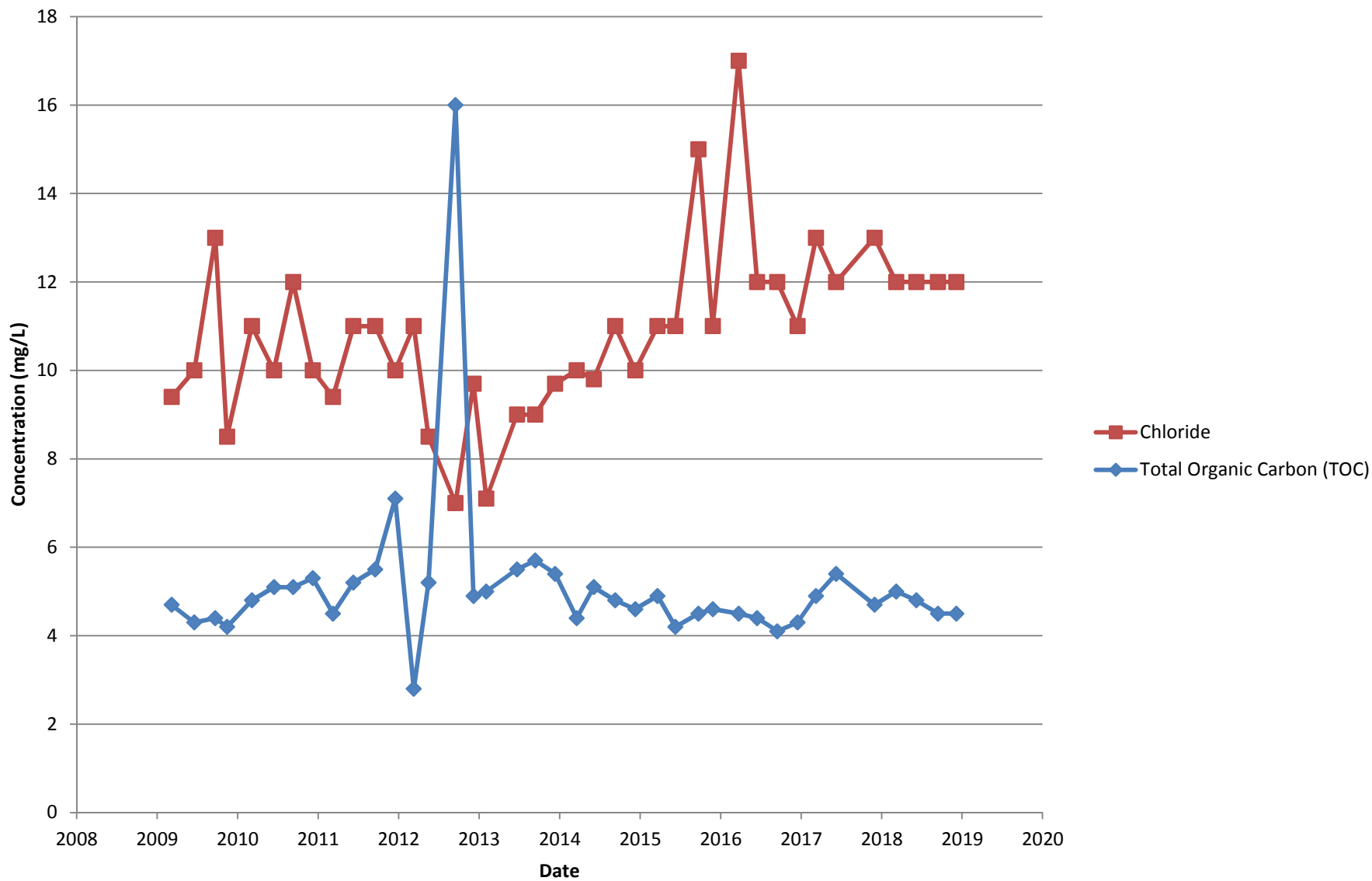
Historical Constituent Concentrations Background Well CM-11R



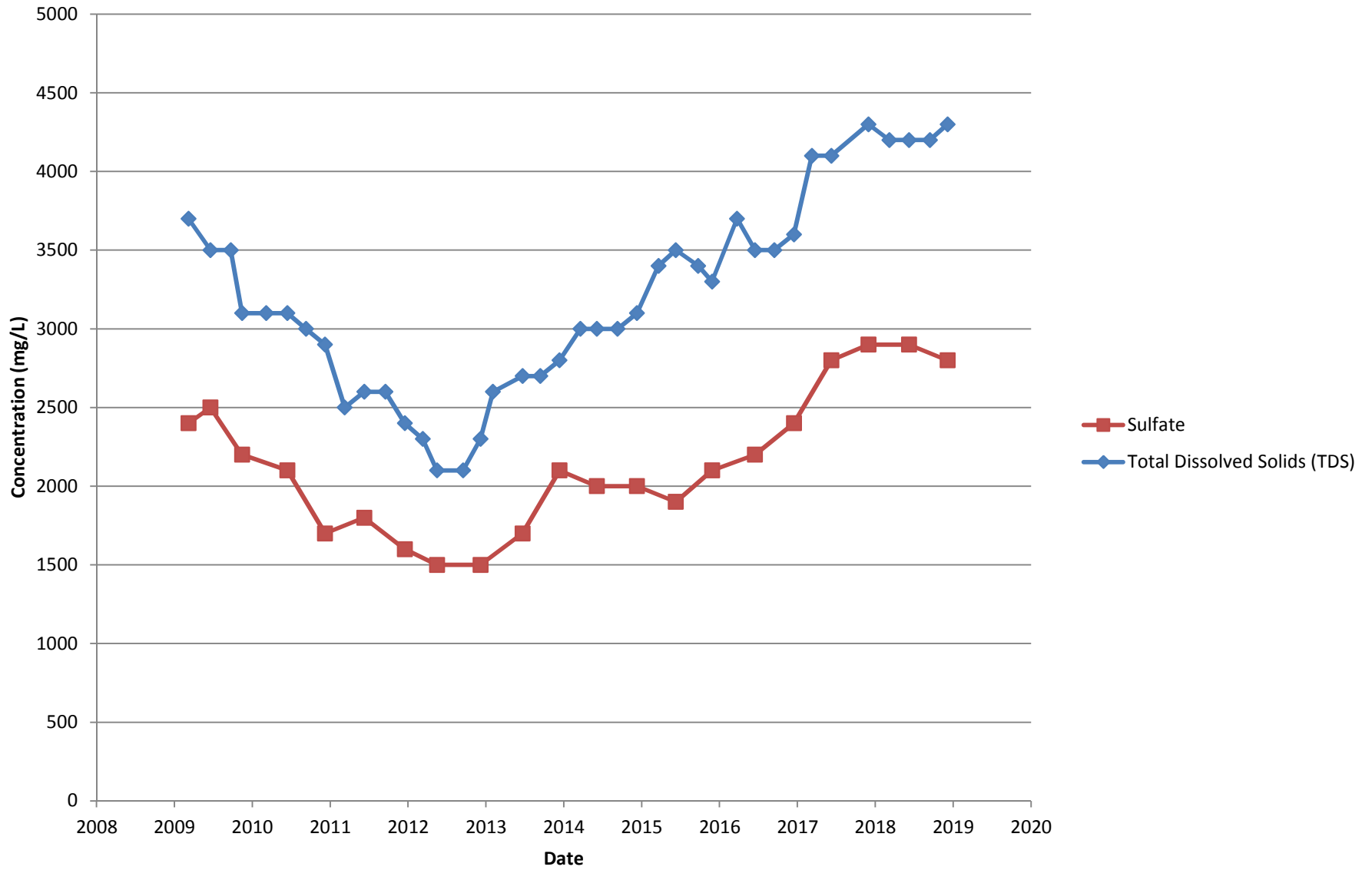
Historical Constituent Concentrations Background Well CM-11R



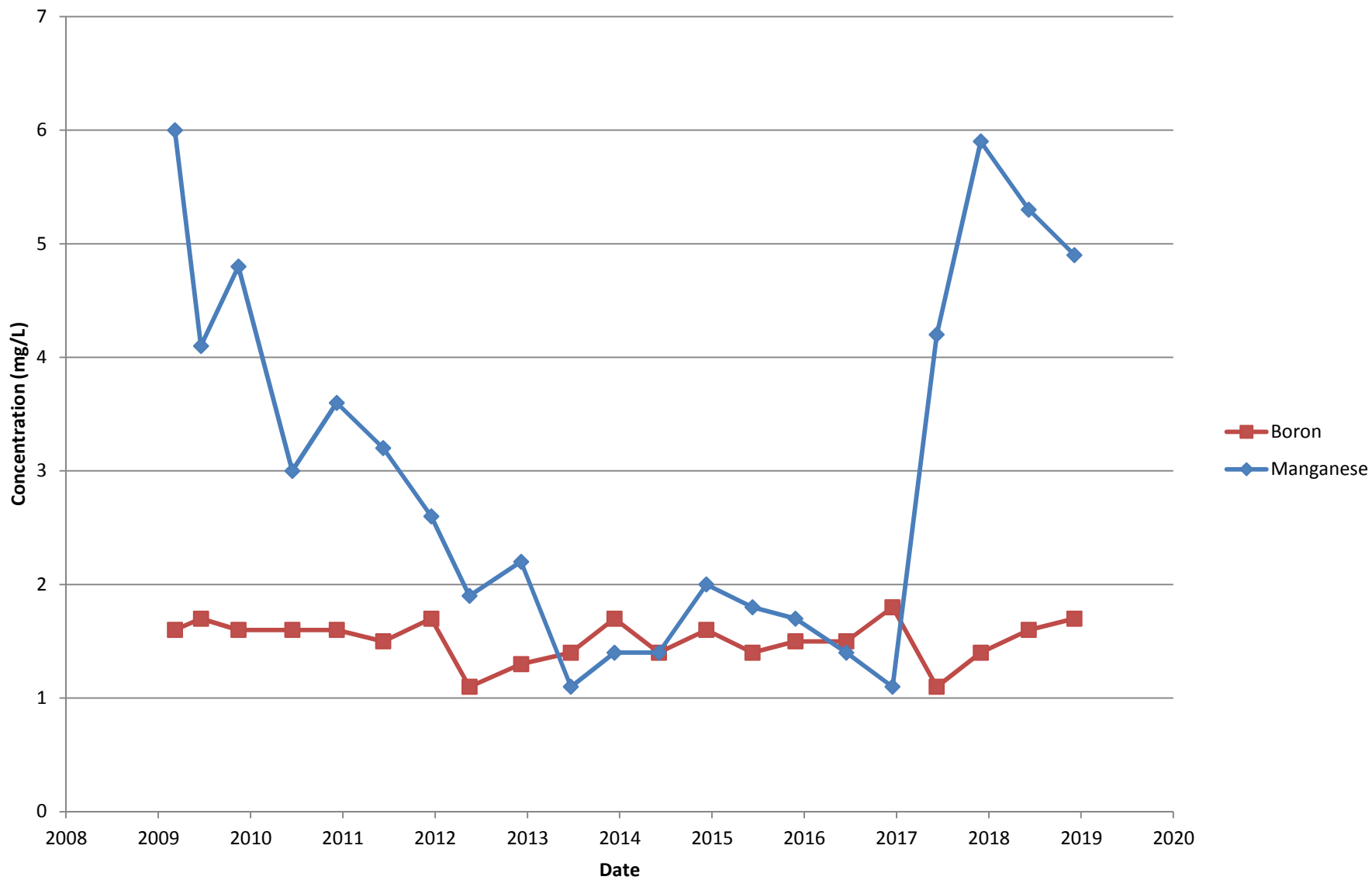
Historical Constituent Concentrations Background Well CM-11R



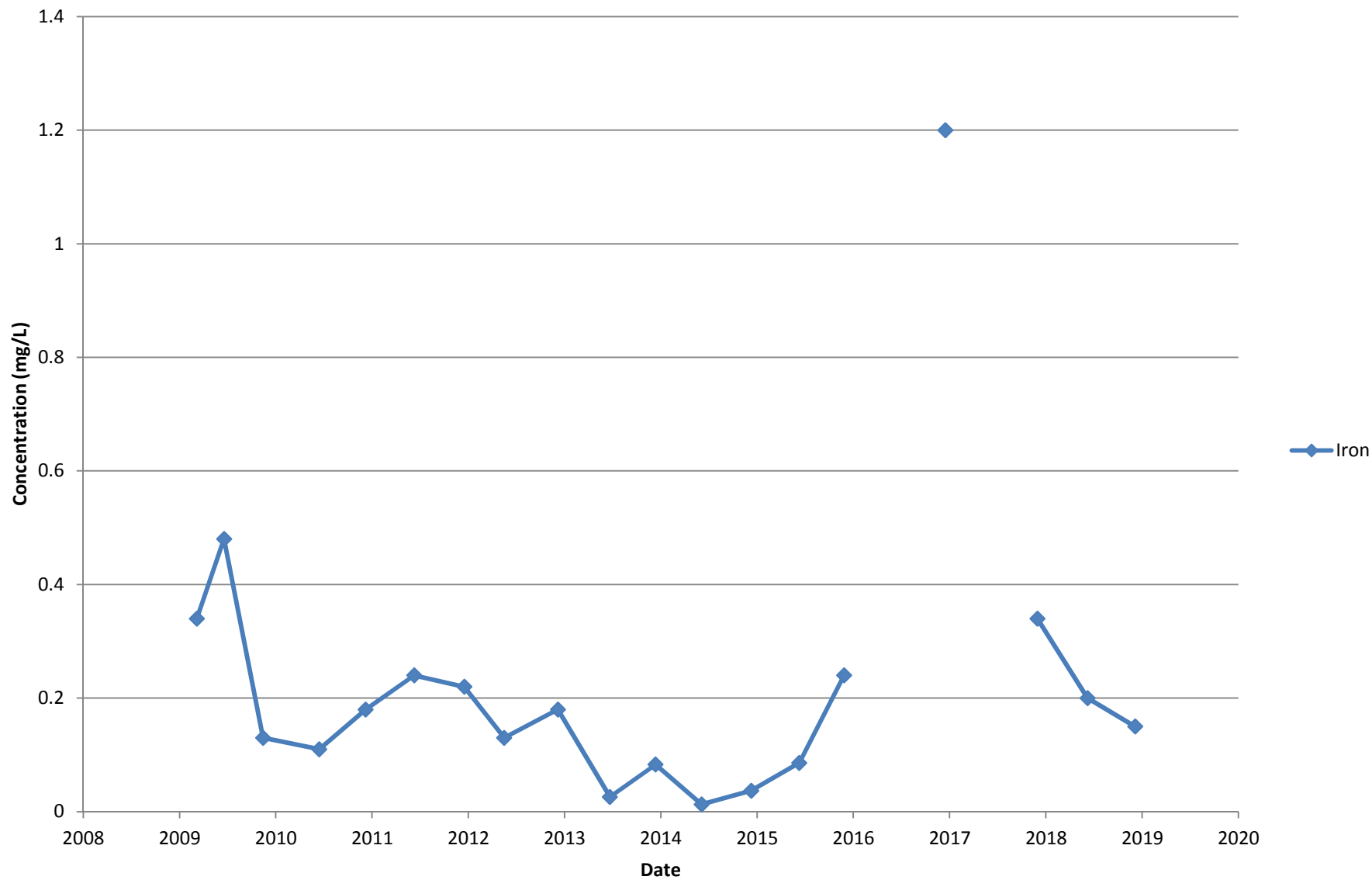
Historical Constituent Concentrations Background Well CM-11R



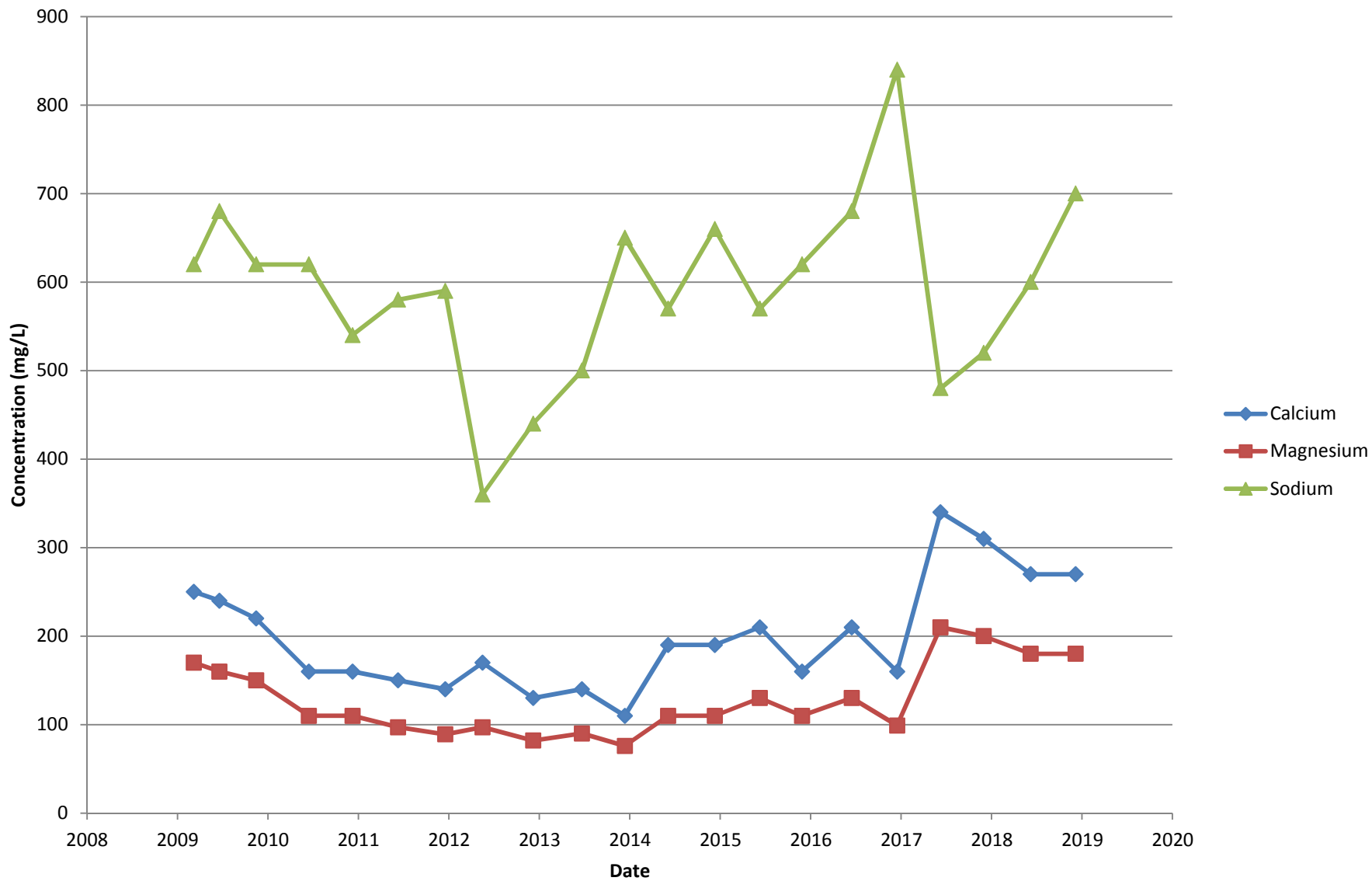
Historical Constituent Concentrations Background Well CM-11R



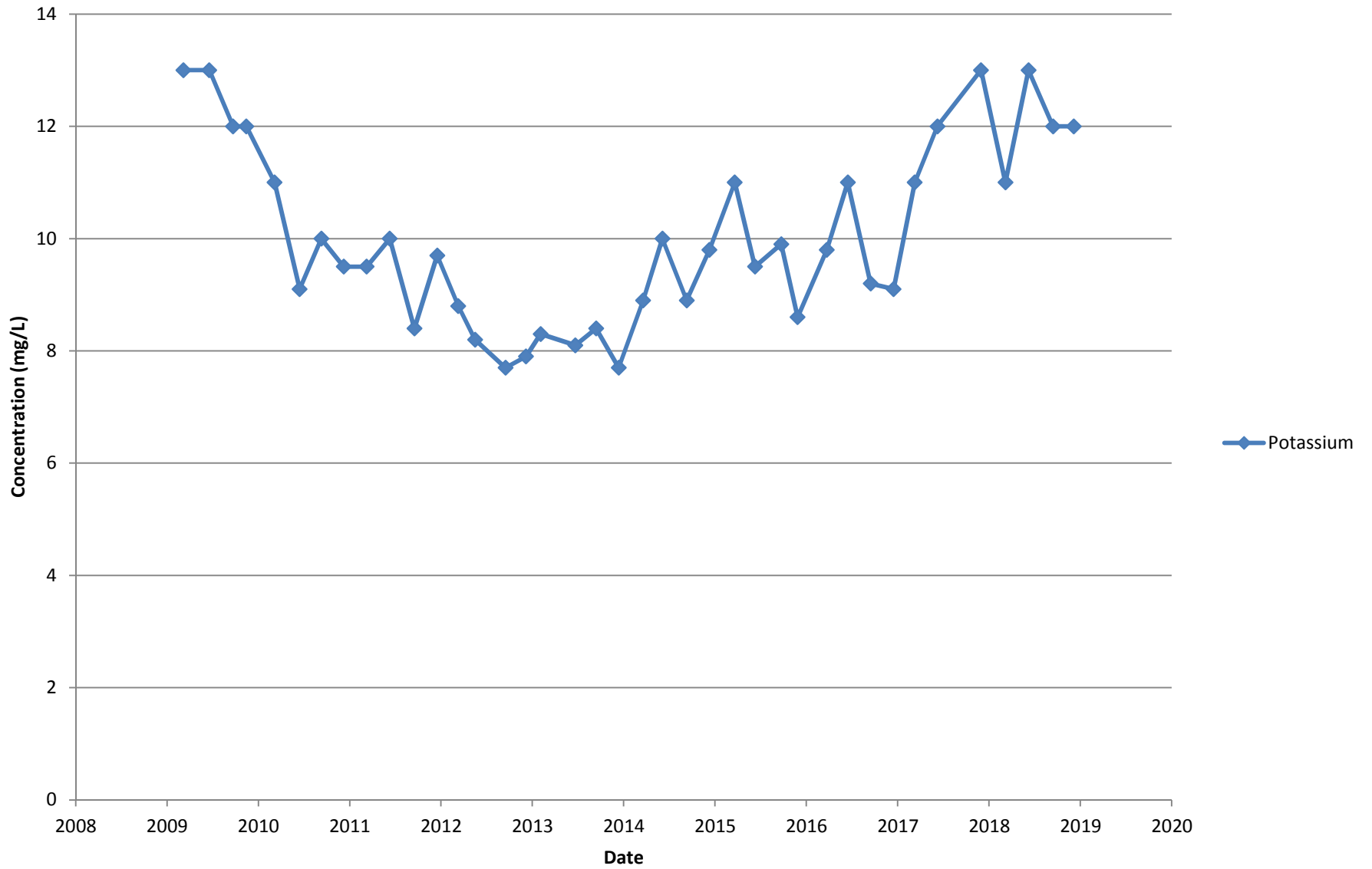
Historical Constituent Concentrations Background Well CM-11R



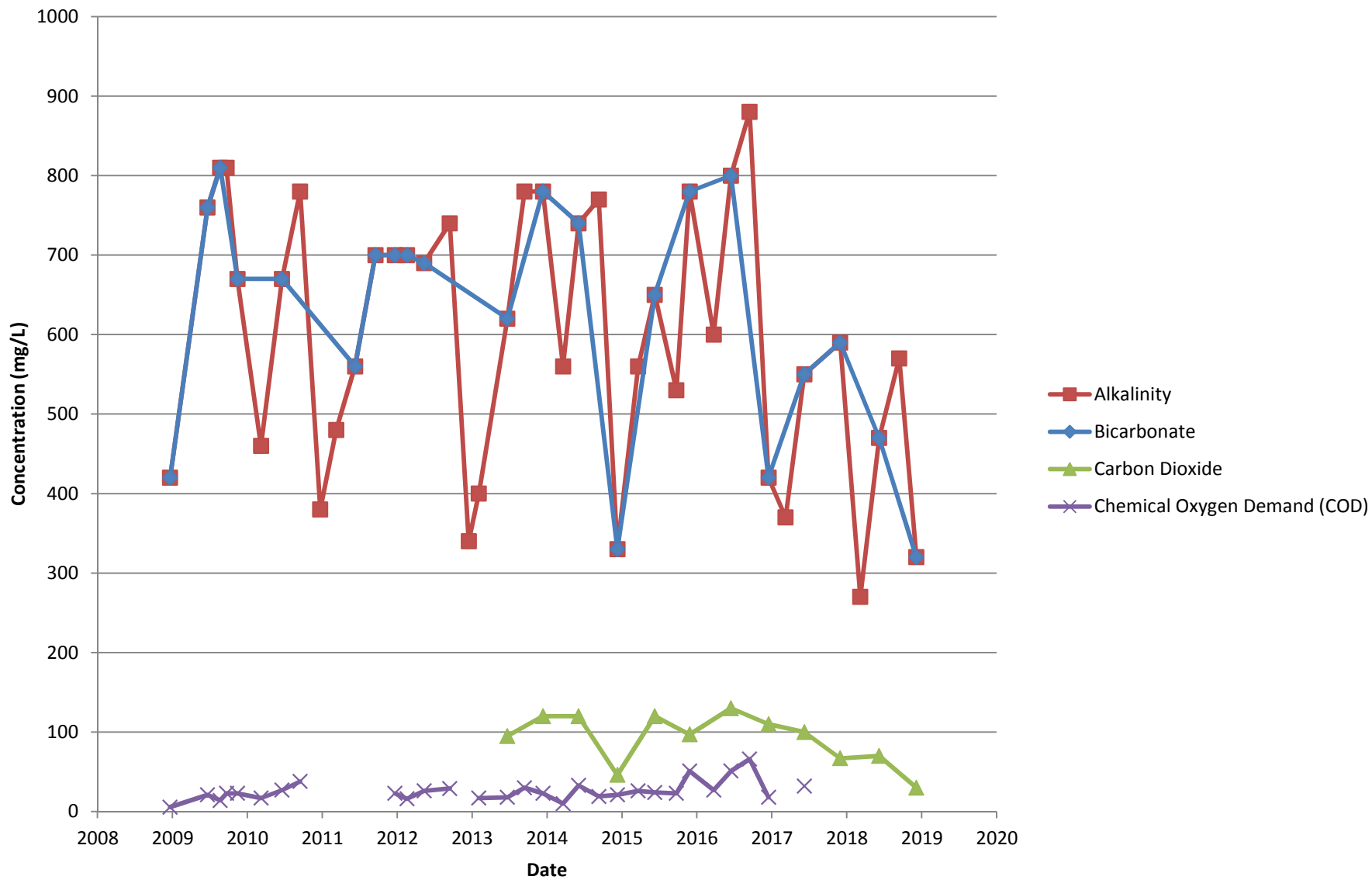
Historical Constituent Concentrations Background Well CM-11R



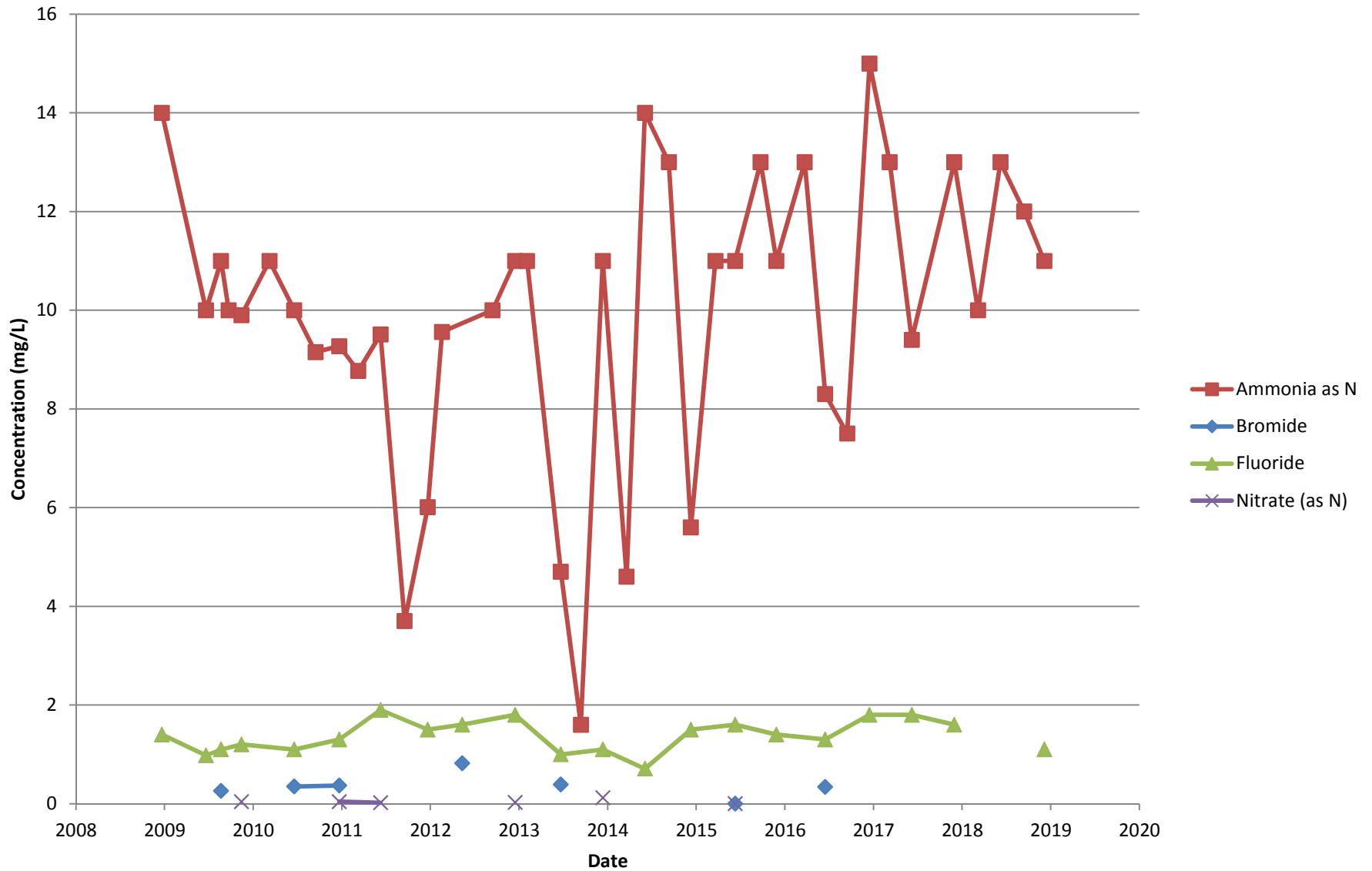
Historical Constituent Concentrations Background Well CM-11R



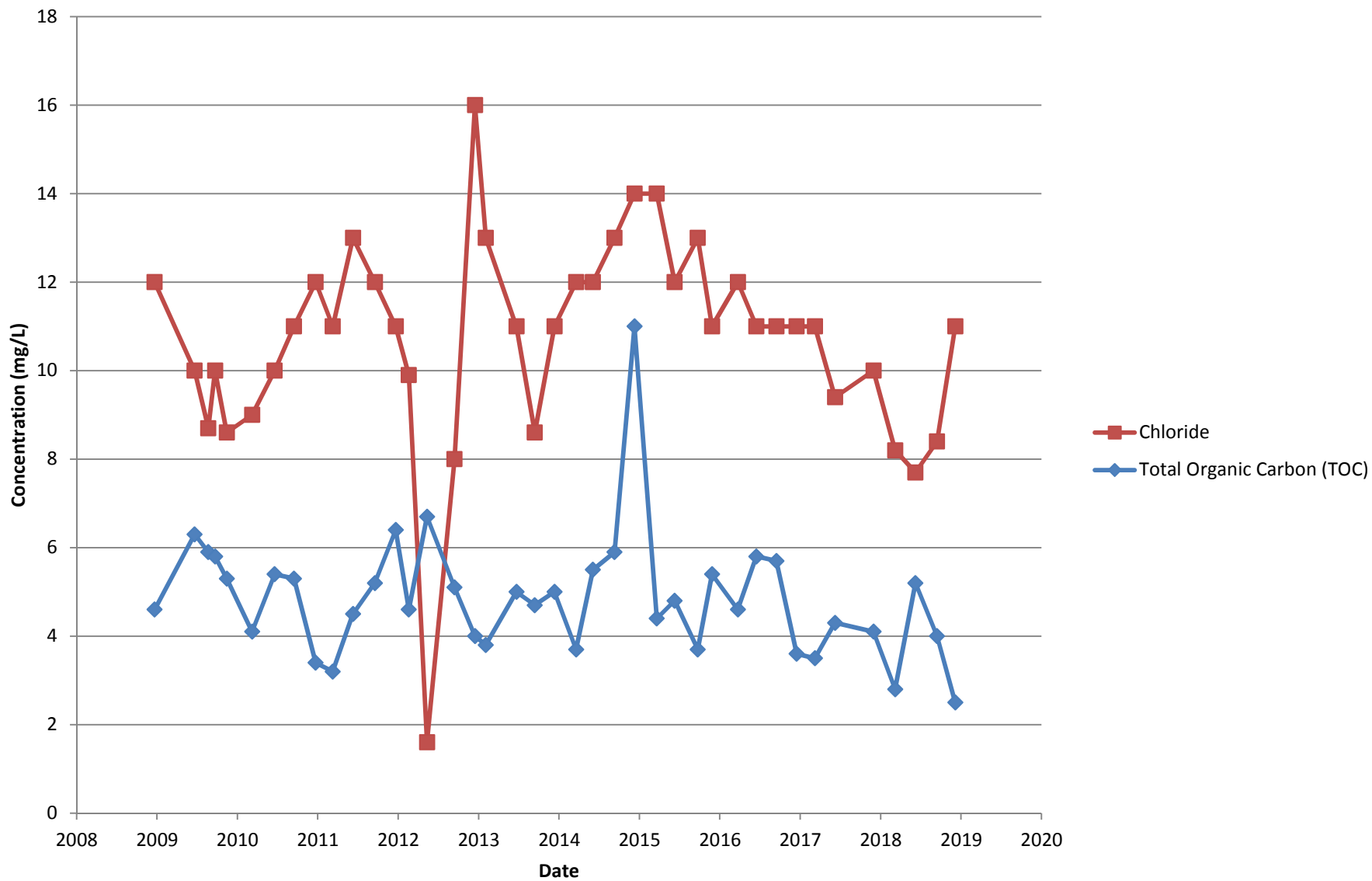
Historical Constituent Concentrations Background Well CM-10R



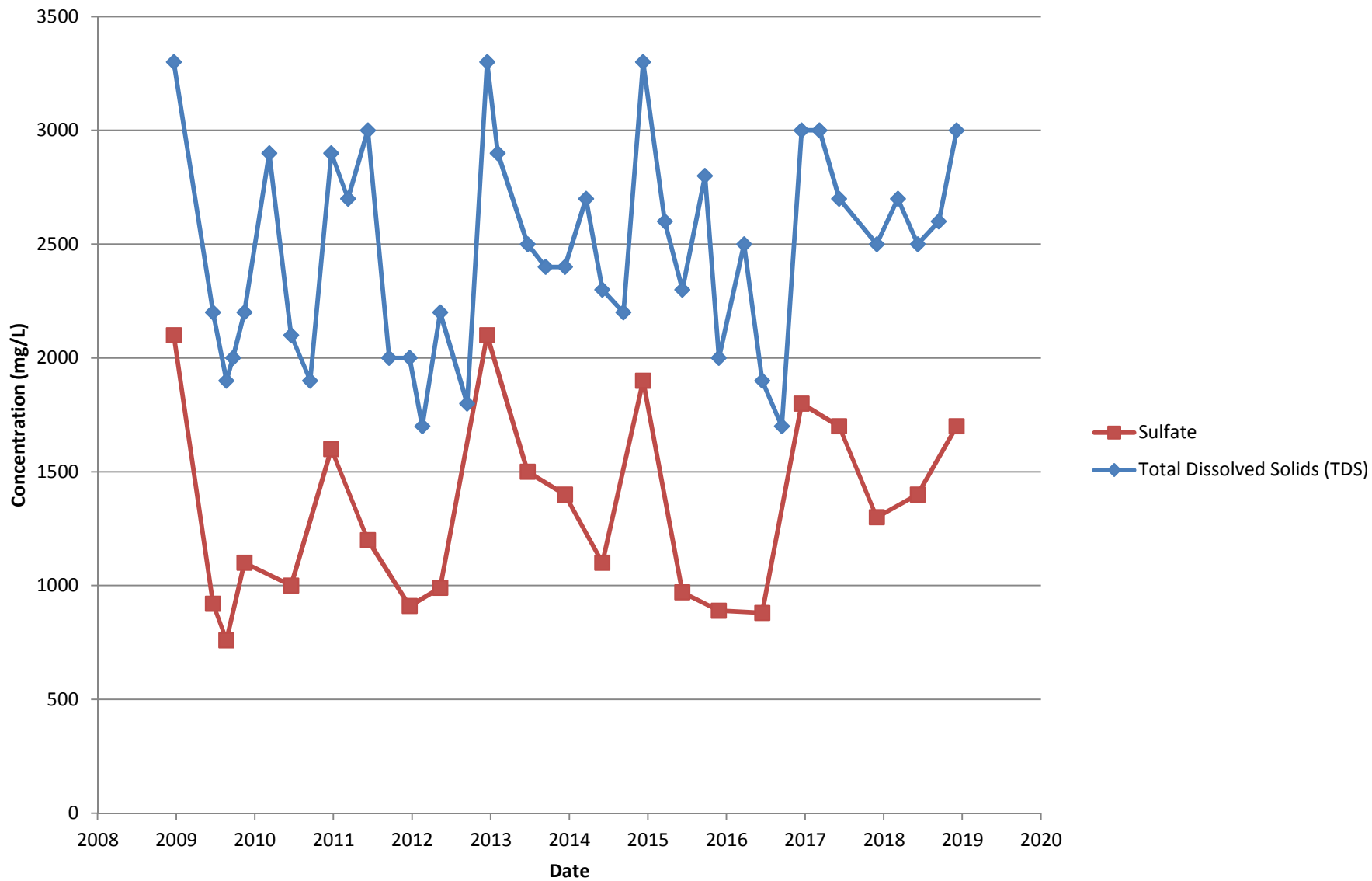
Historical Constituent Concentrations Background Well CM-10R



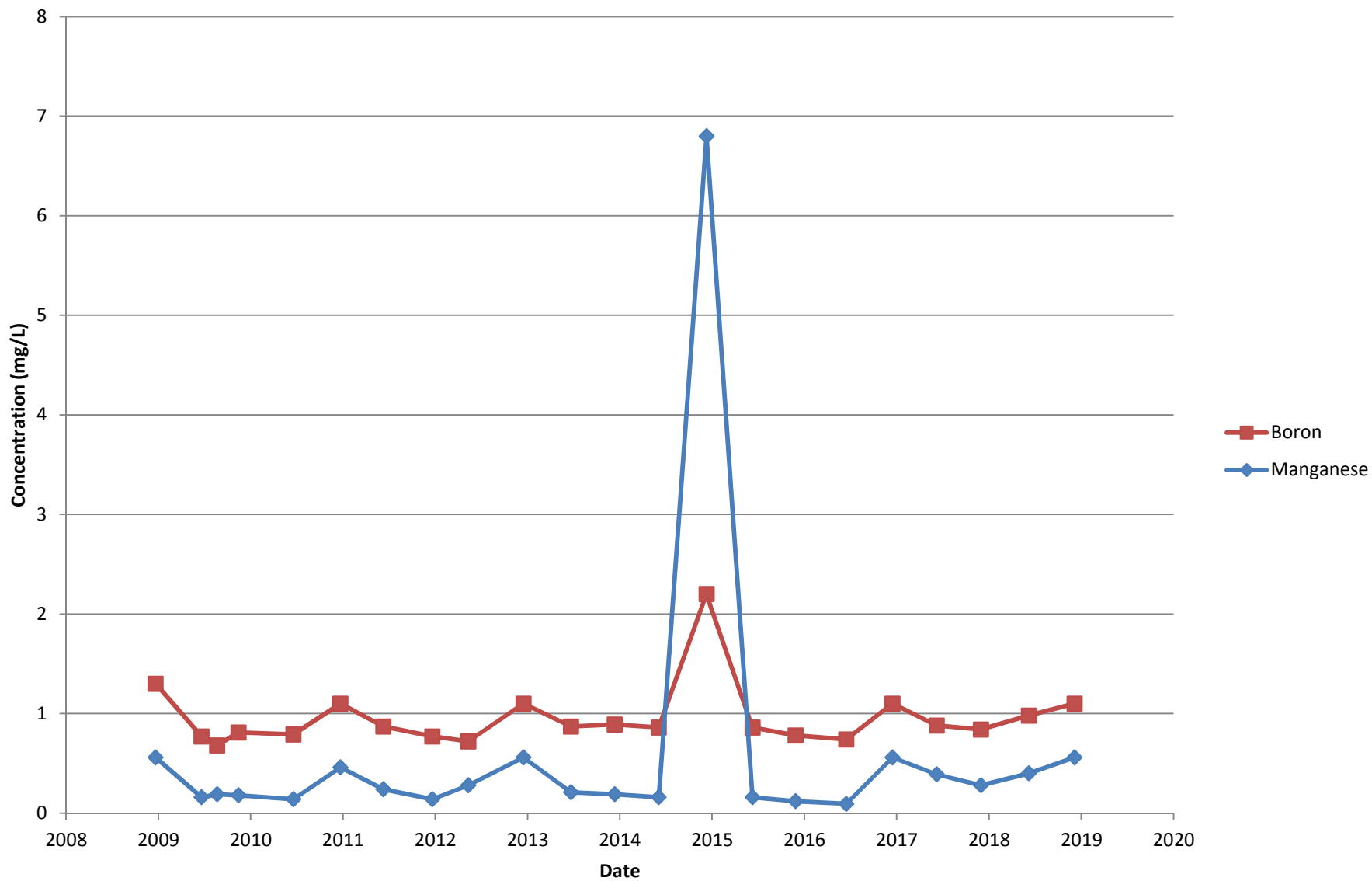
Historical Constituent Concentrations Background Well CM-10R



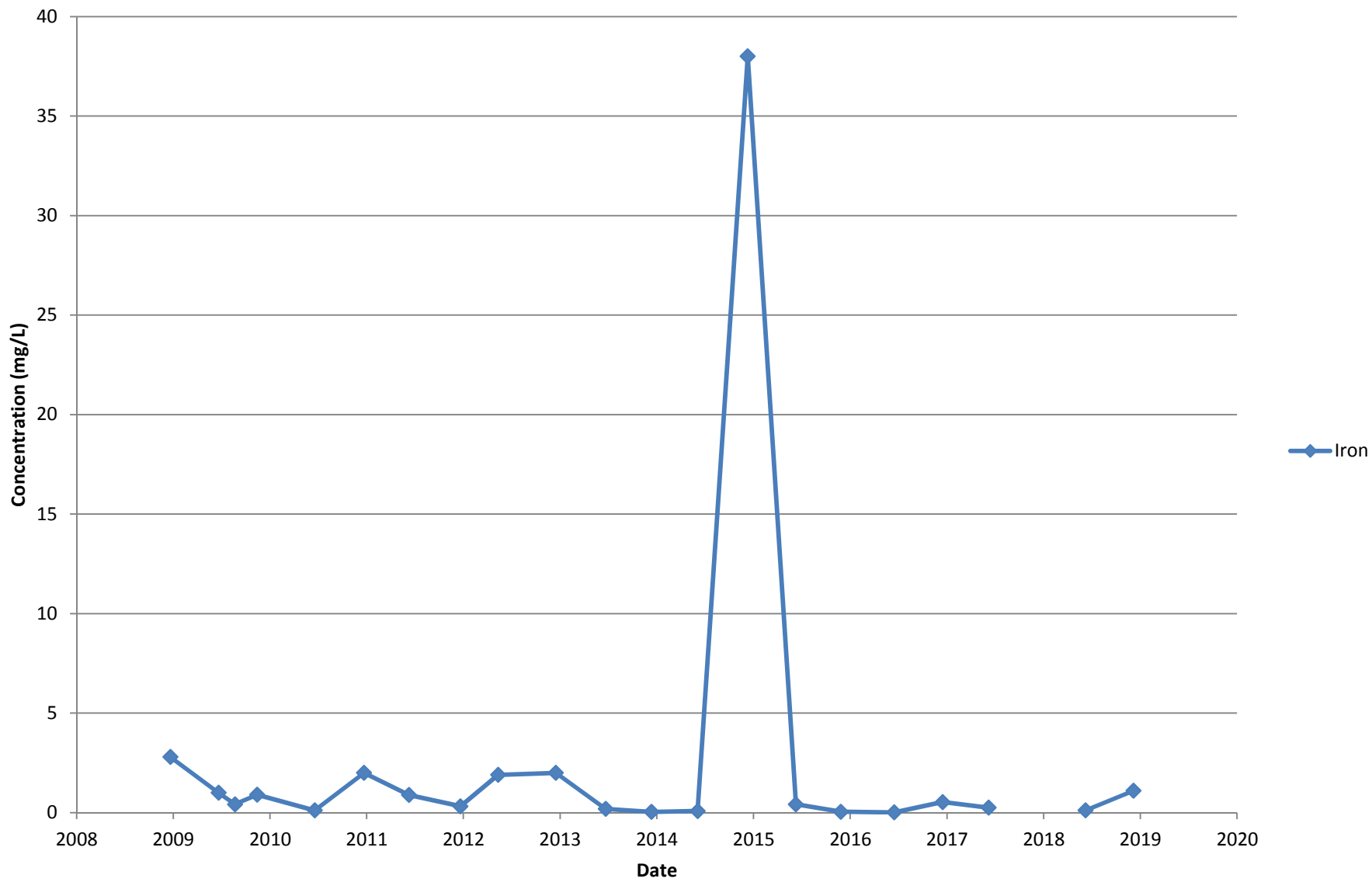
Historical Constituent Concentrations Background Well CM-10R



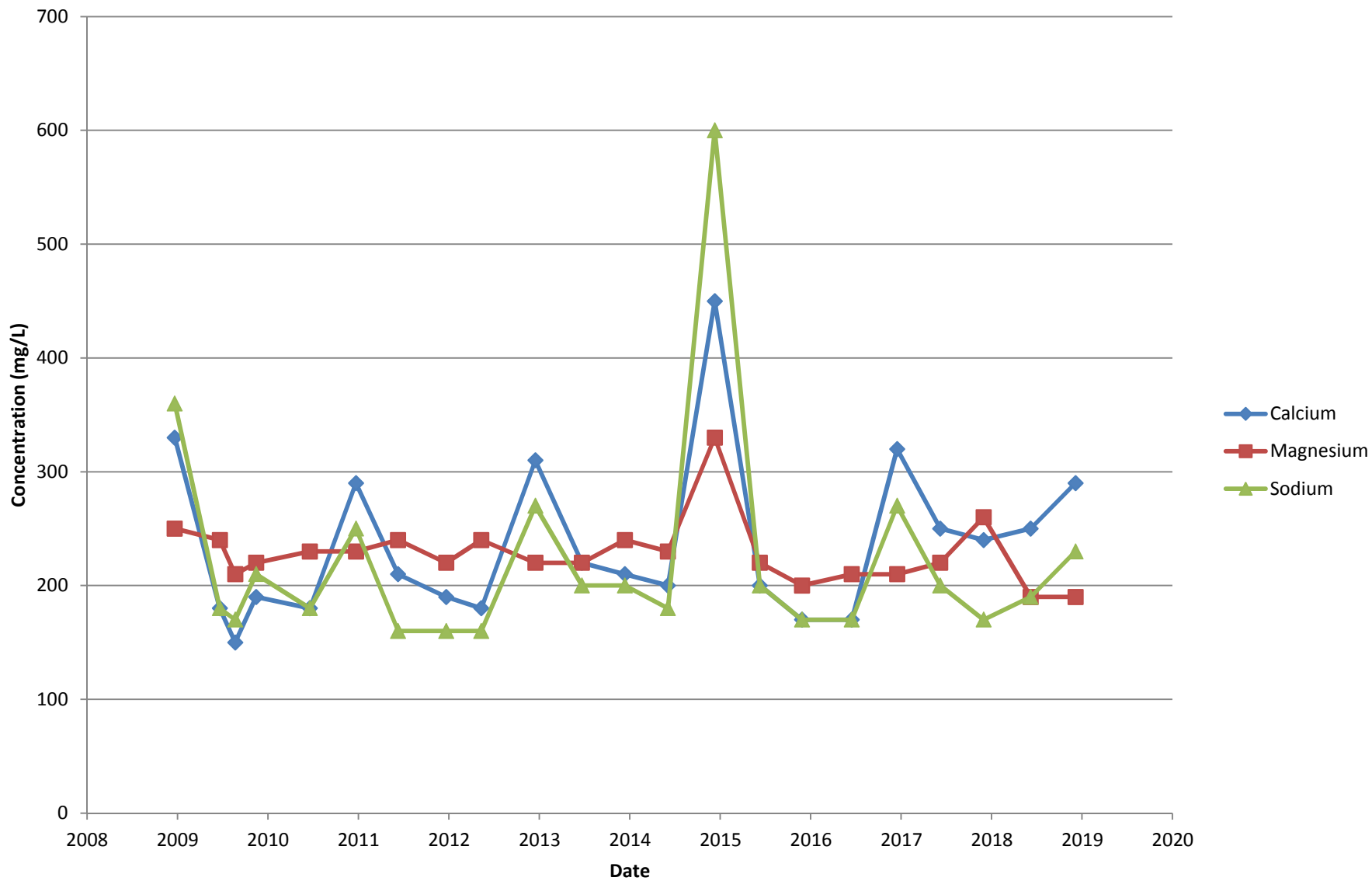
Historical Constituent Concentrations Background Well CM-10R



Historical Constituent Concentrations Background Well CM-10R

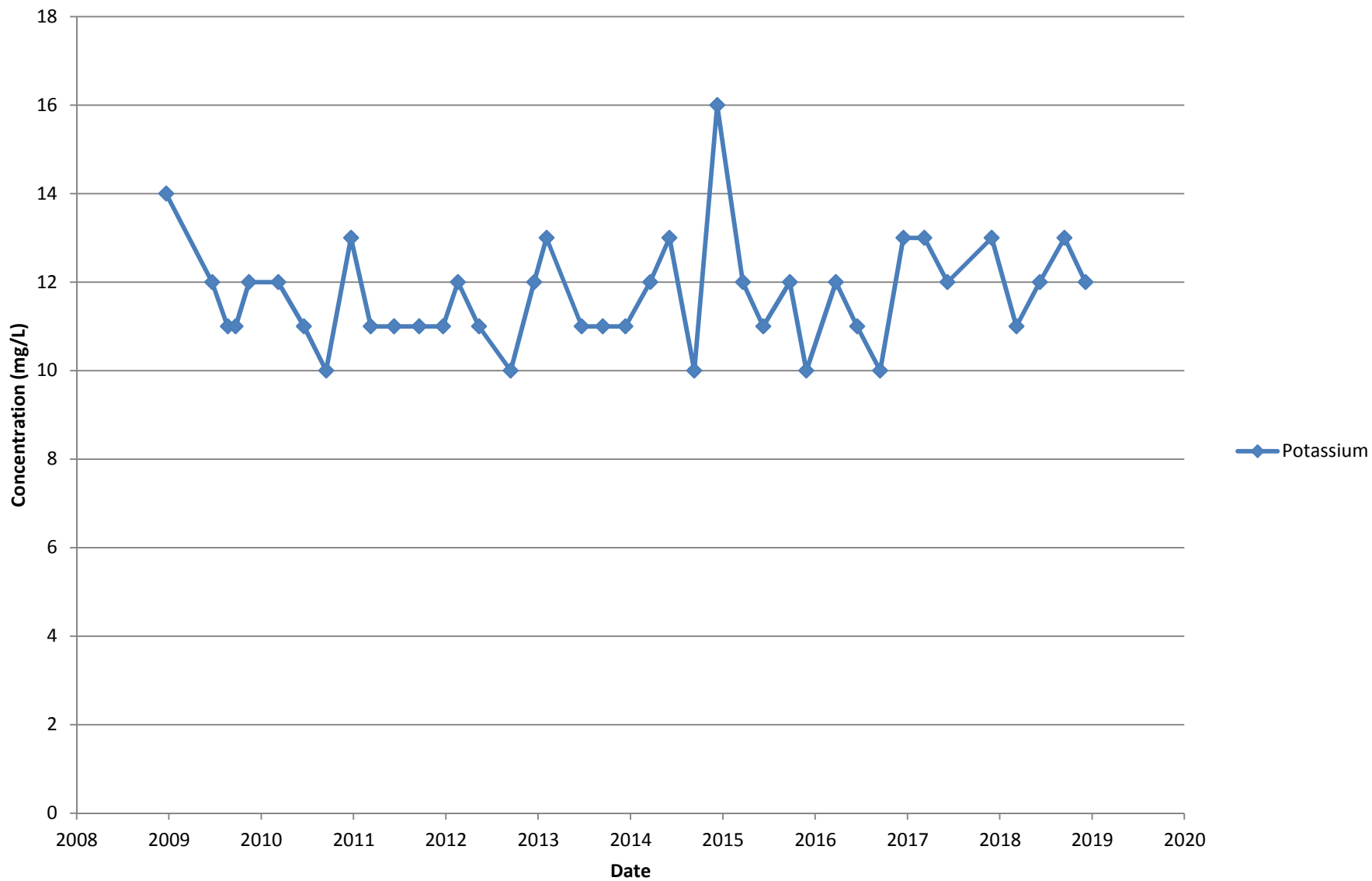


Historical Constituent Concentrations Background Well CM-10R

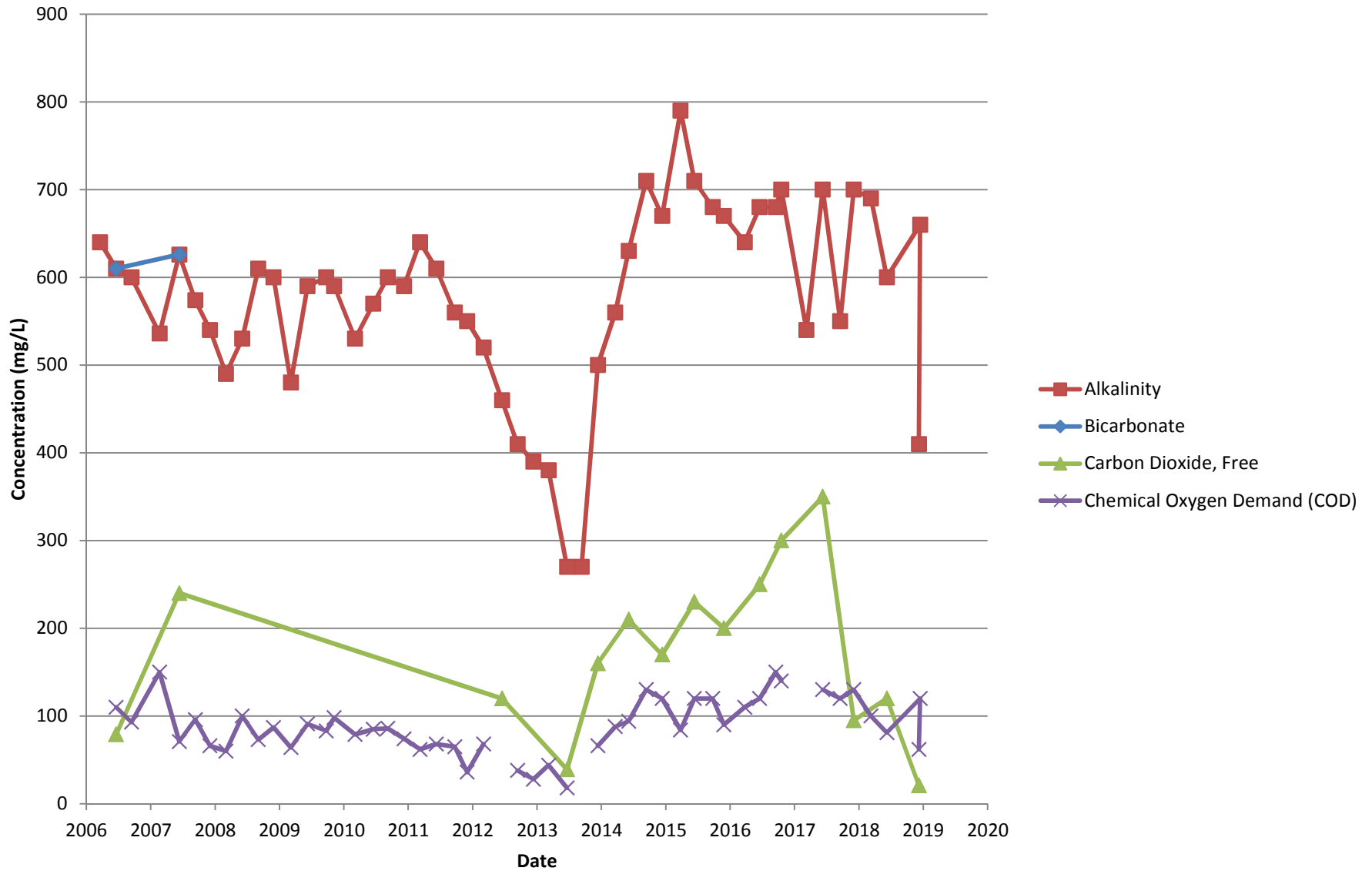


Historical Constituent Concentrations

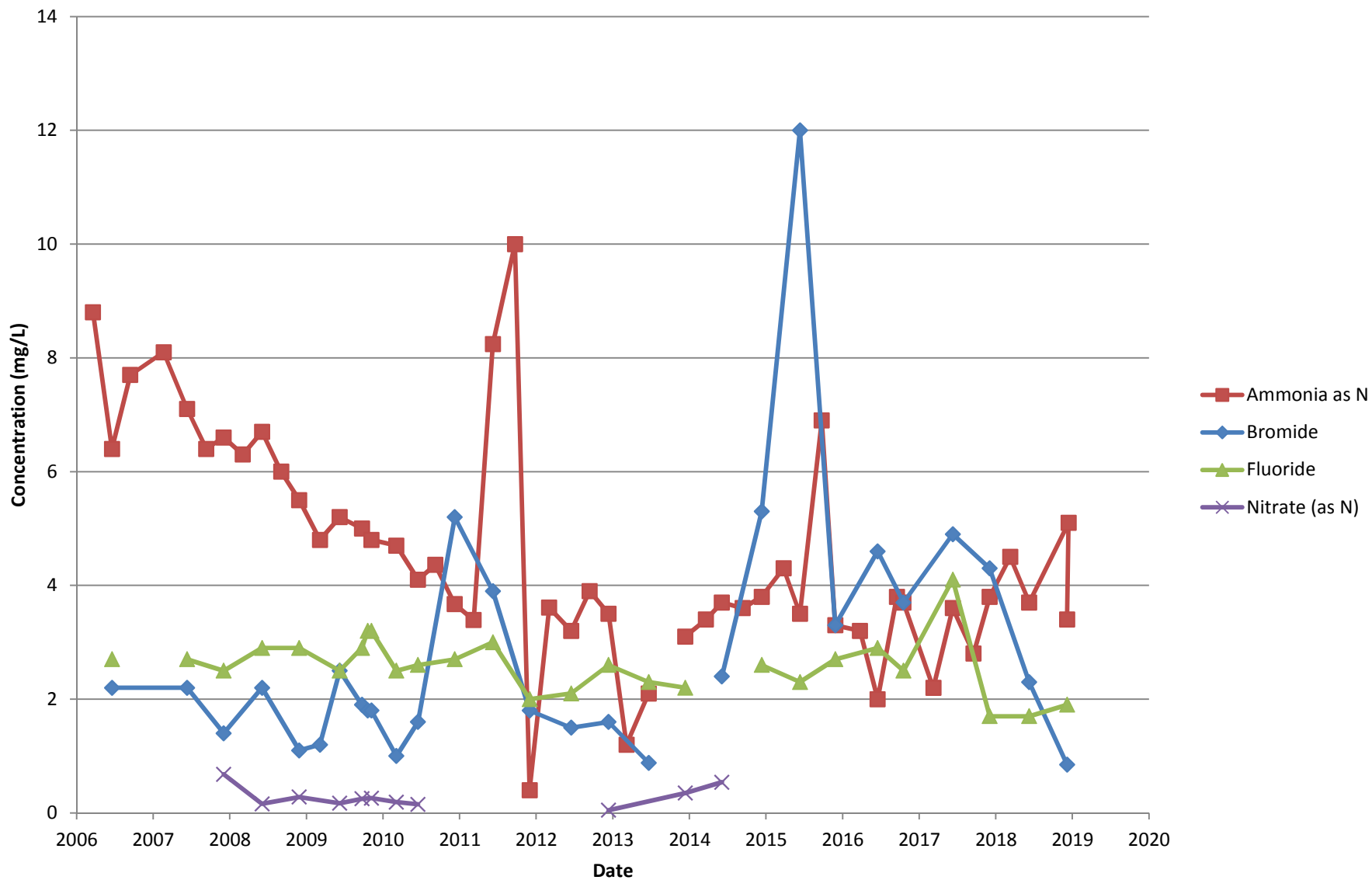
Background Well CM-10R



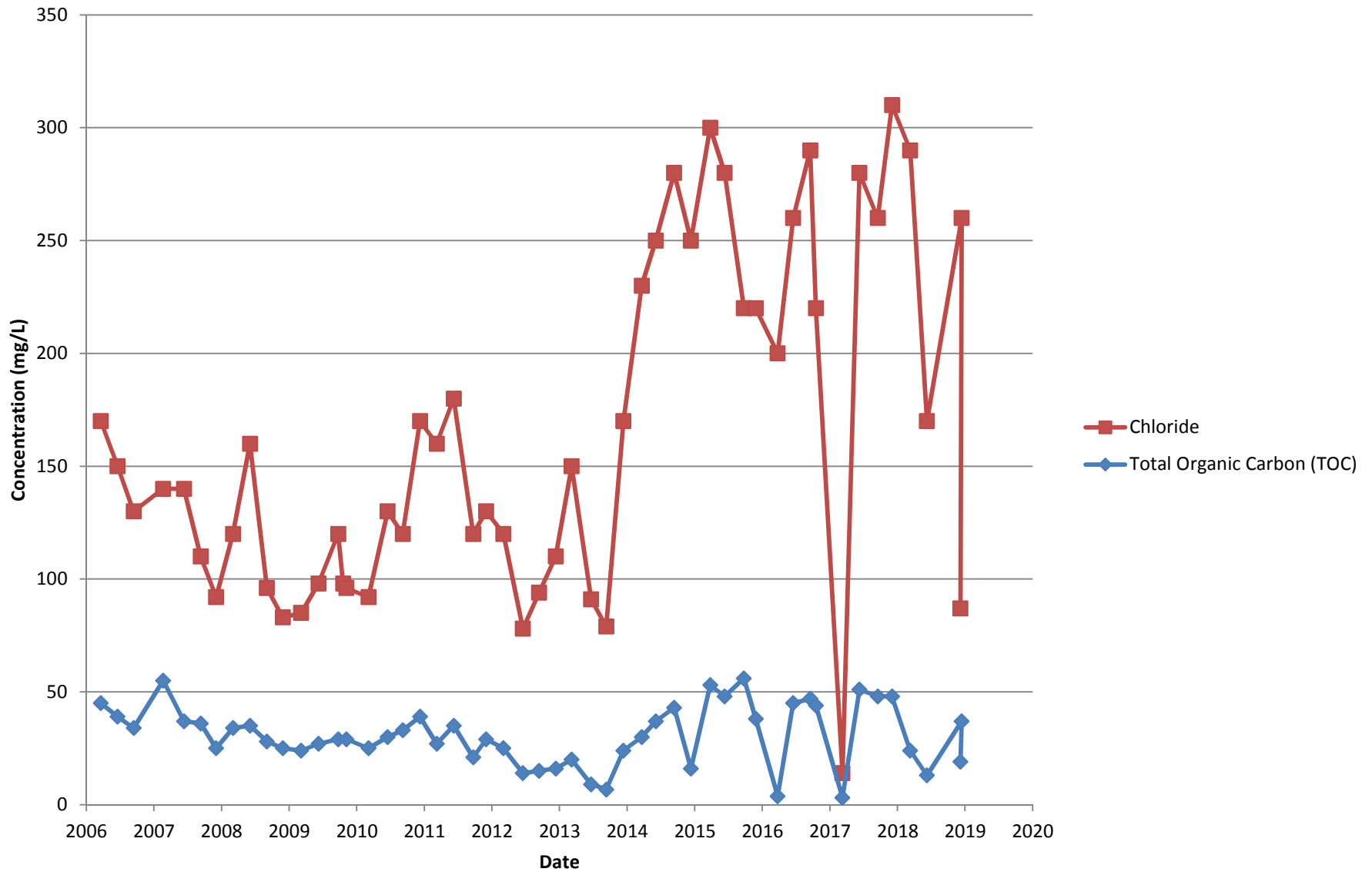
Historical Constituent Concentrations Shallow Well MW-1



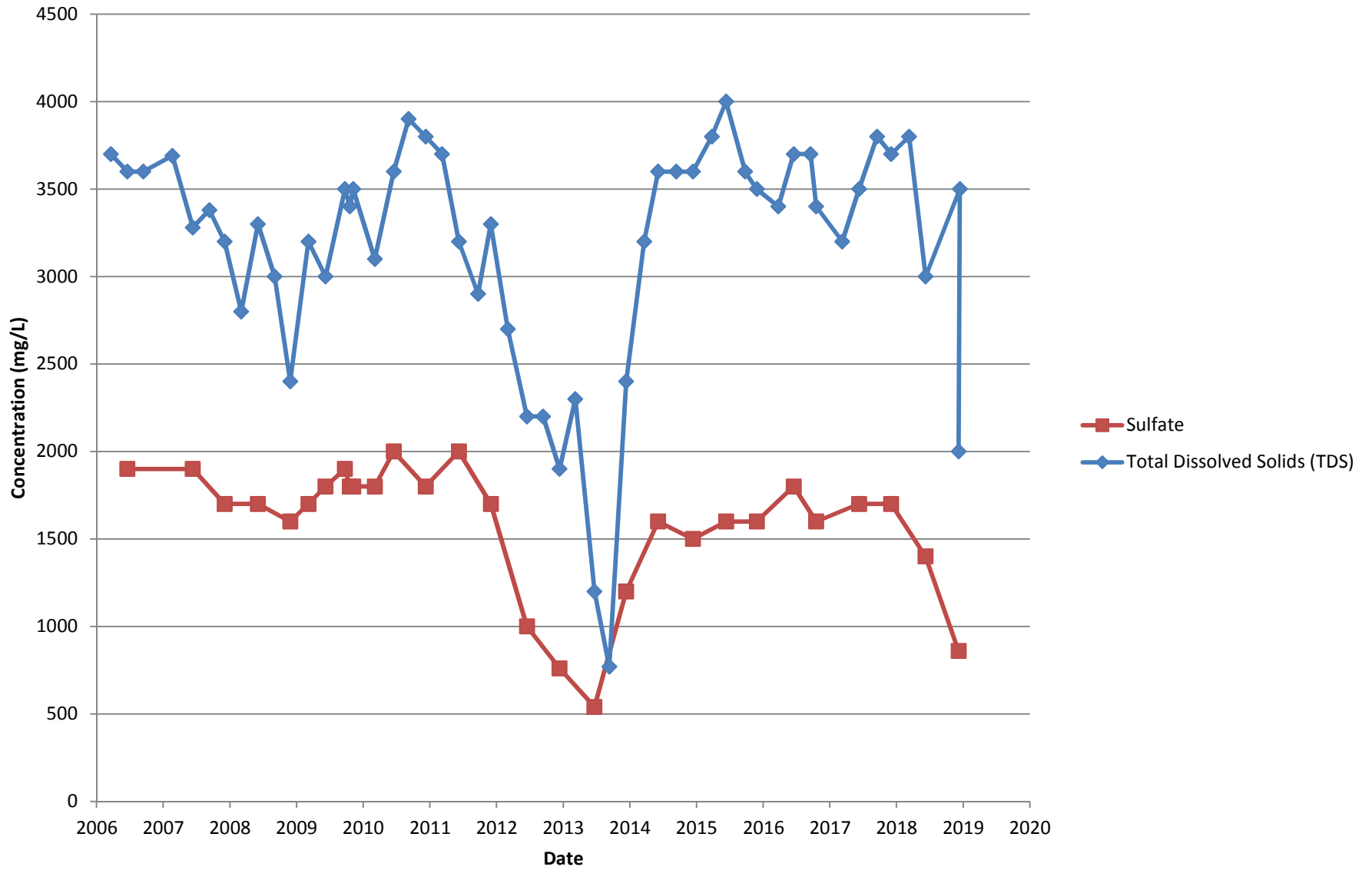
Historical Constituent Concentrations Shallow Well MW-1



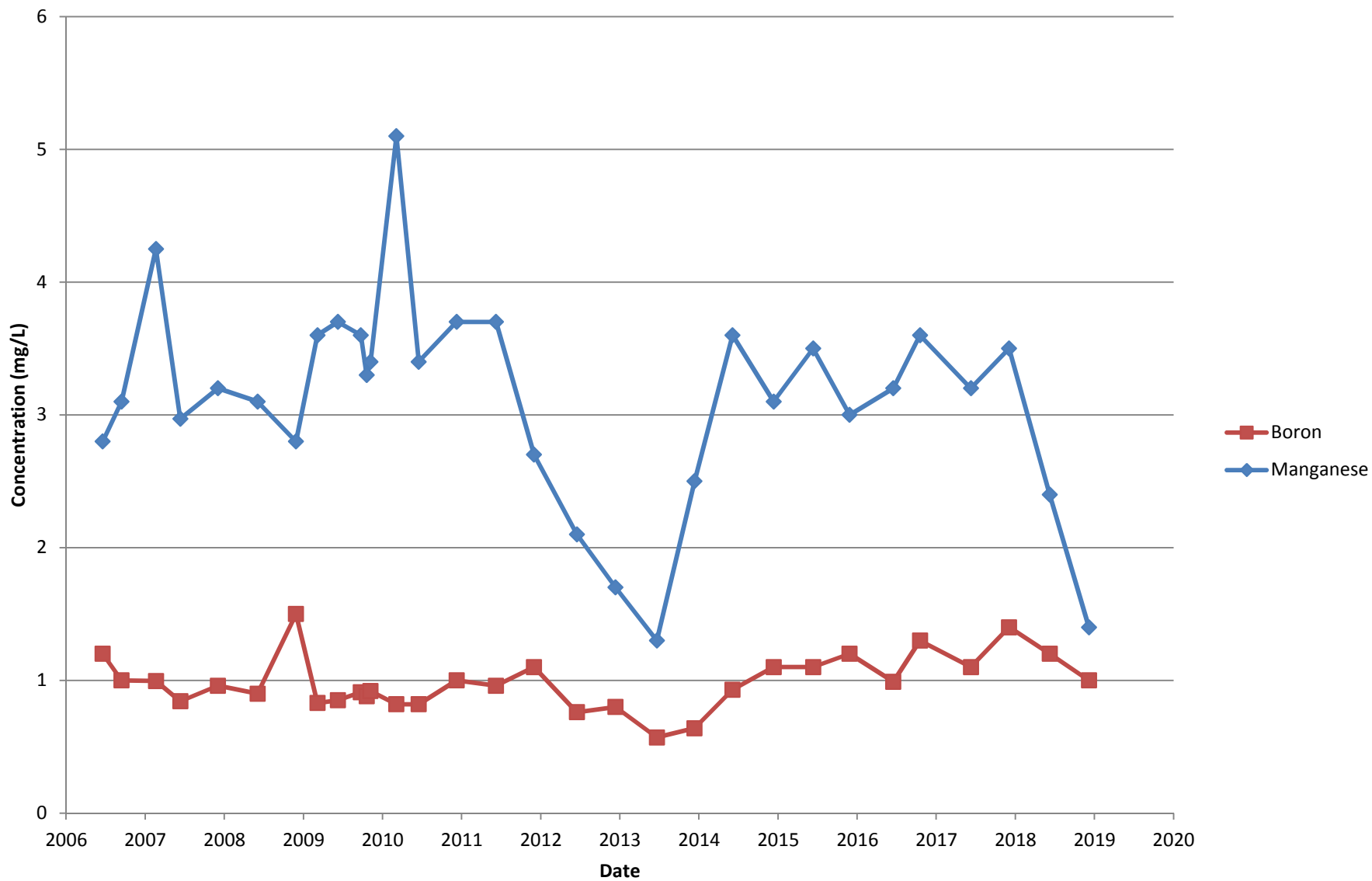
Historical Constituent Concentrations Shallow Well MW-1



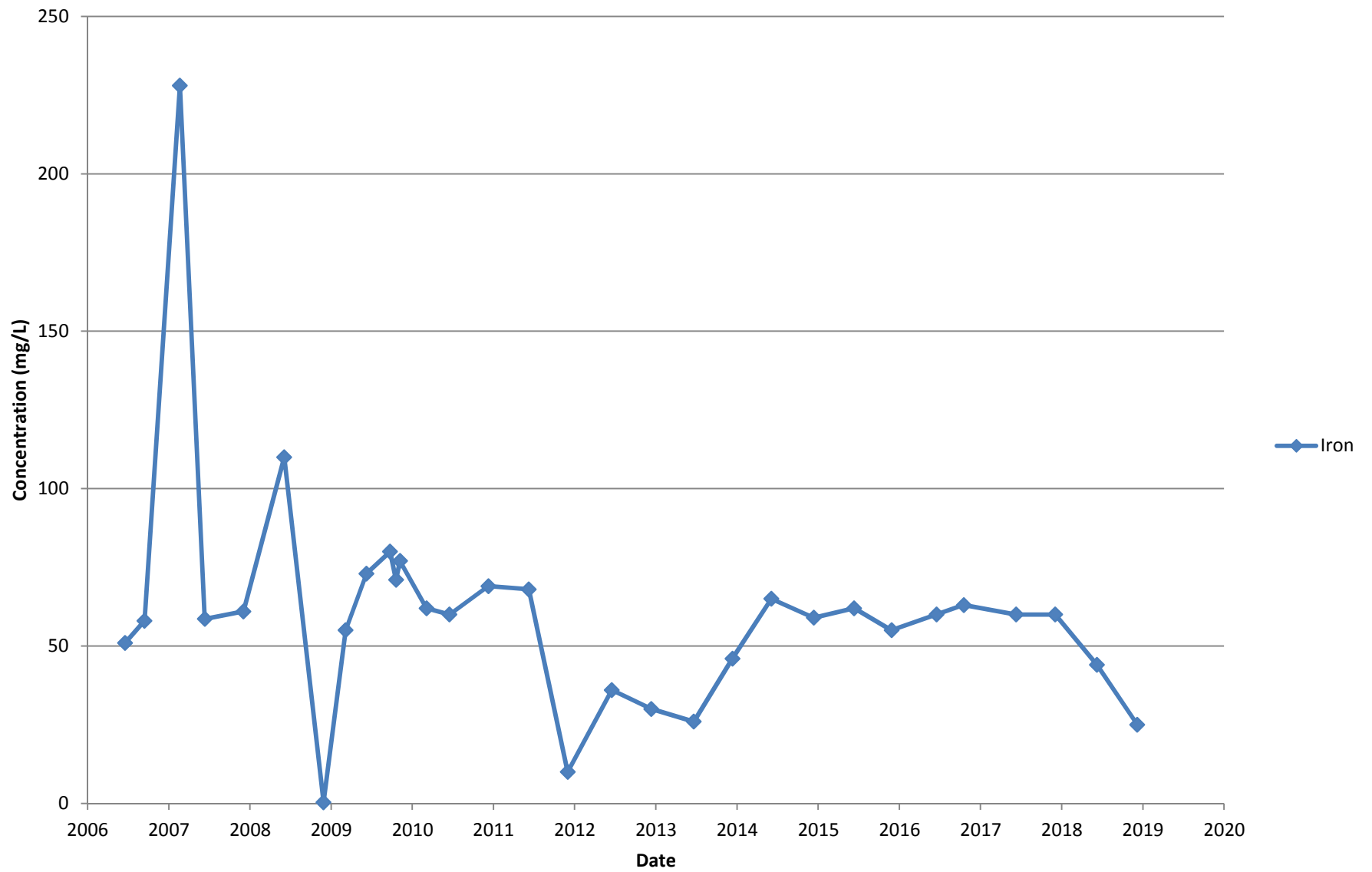
Historical Constituent Concentrations Shallow Well MW-1



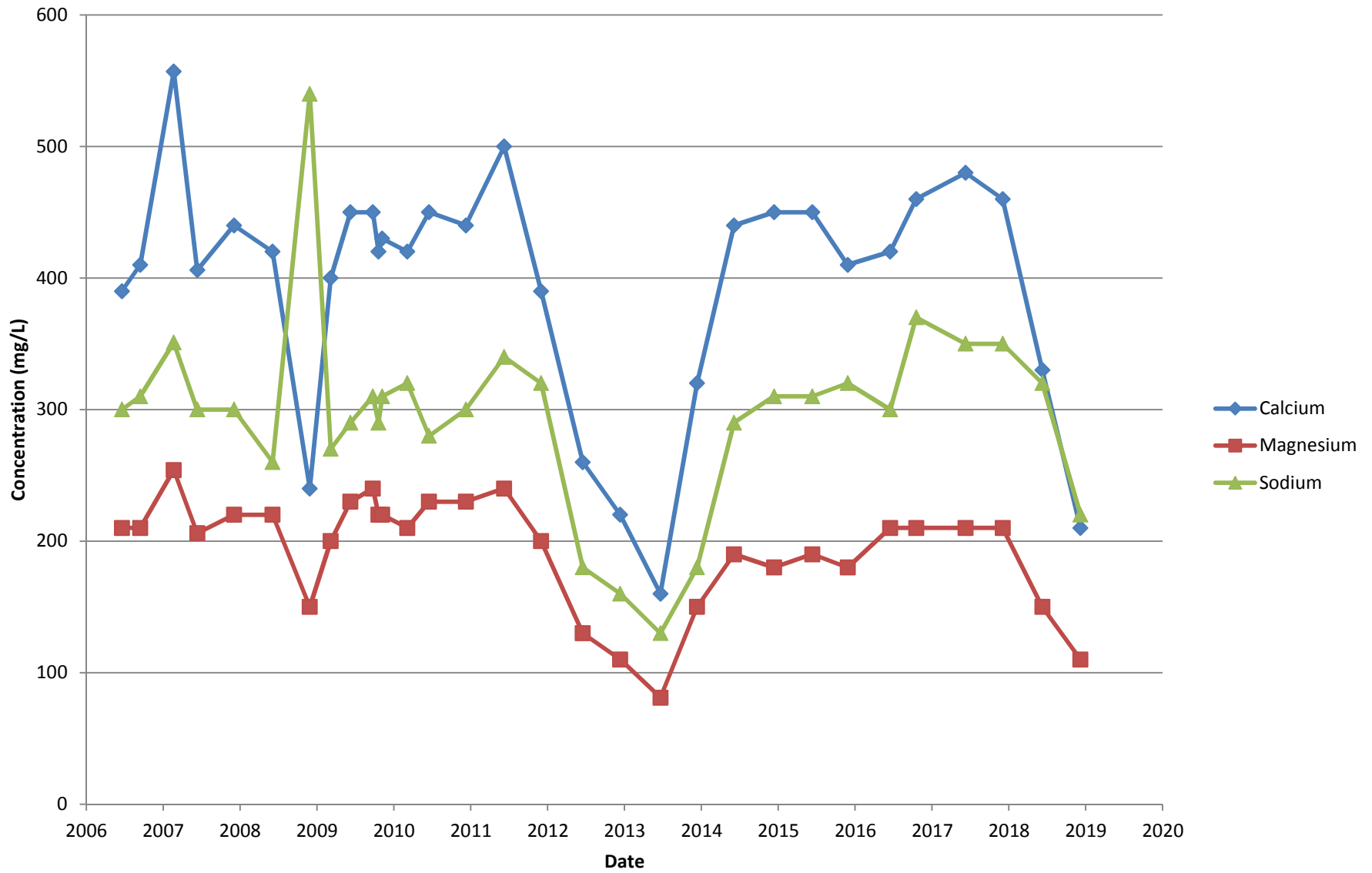
Historical Constituent Concentrations Shallow Well MW-1



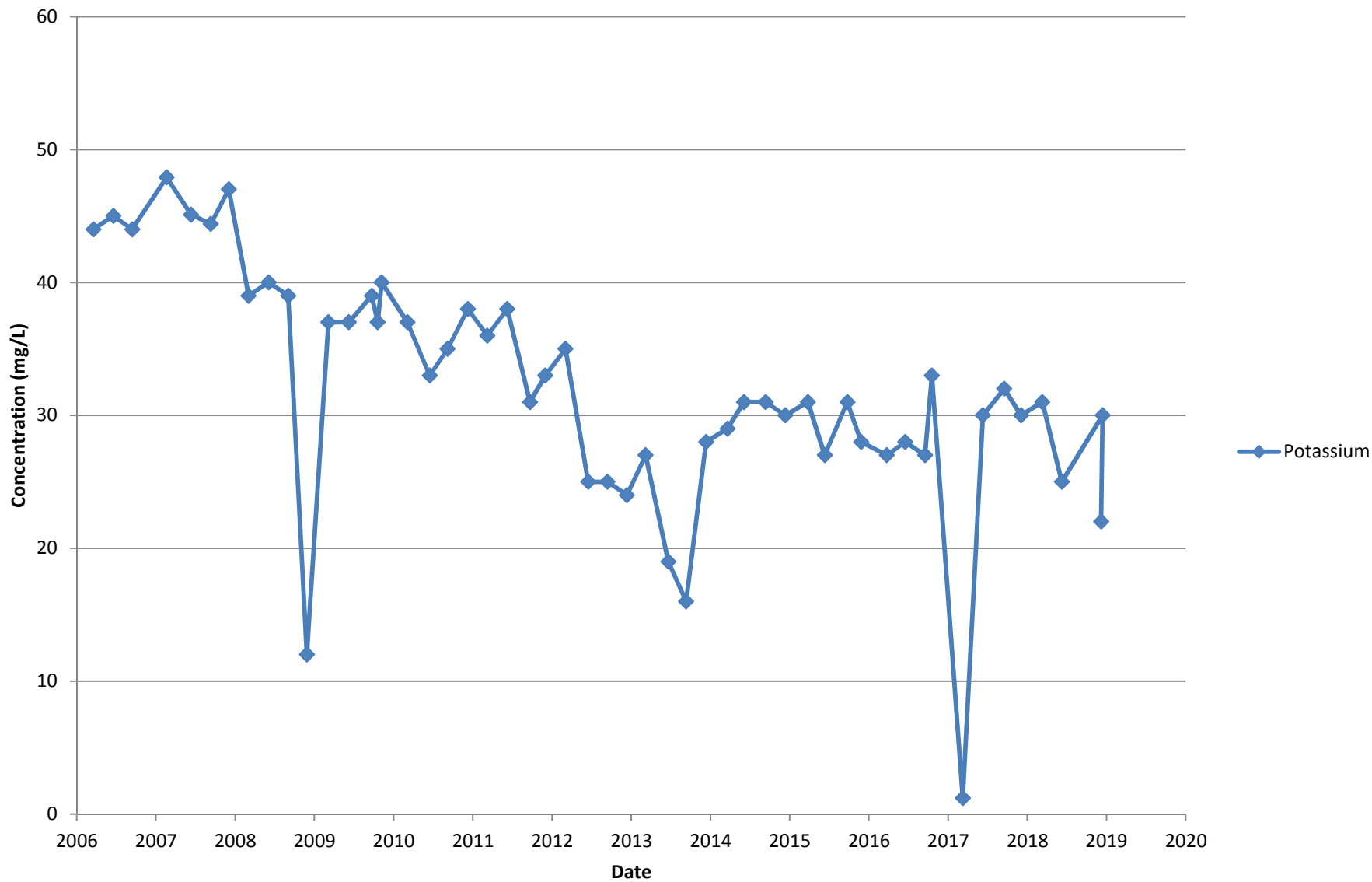
Historical Constituent Concentrations Shallow Well MW-1



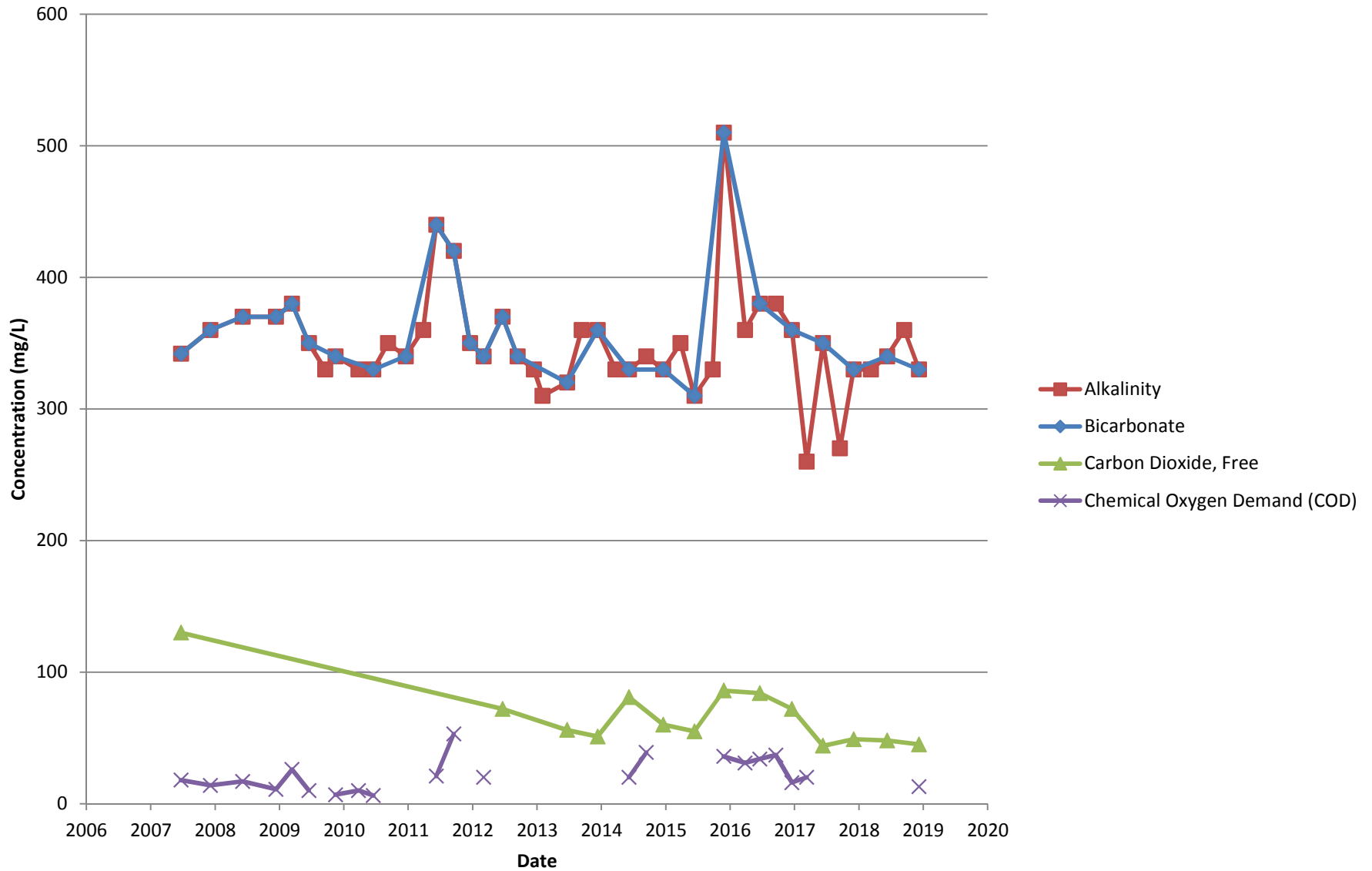
Historical Constituent Concentrations Shallow Well MW-1



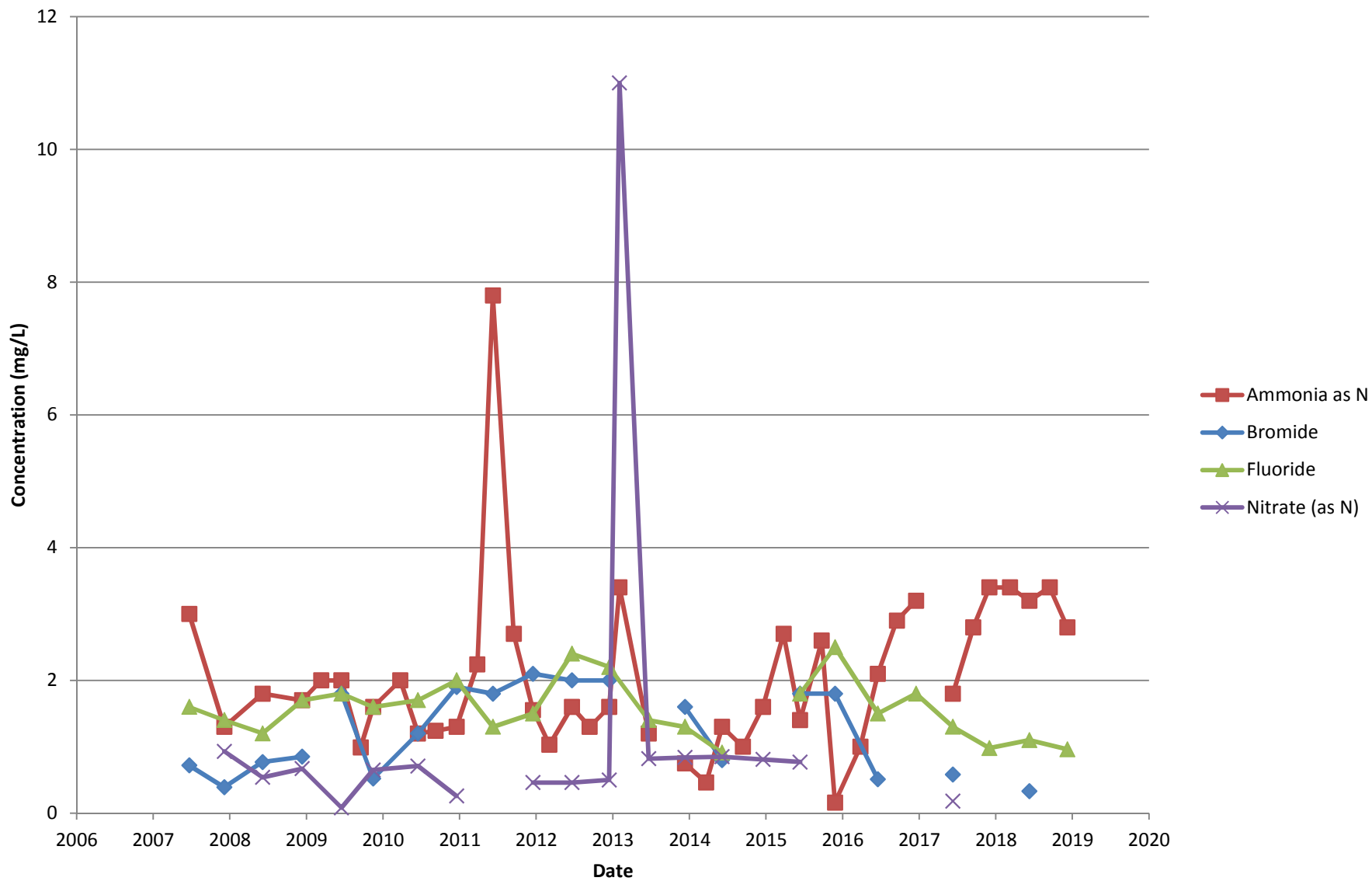
Historical Constituent Concentrations Shallow Well MW-1



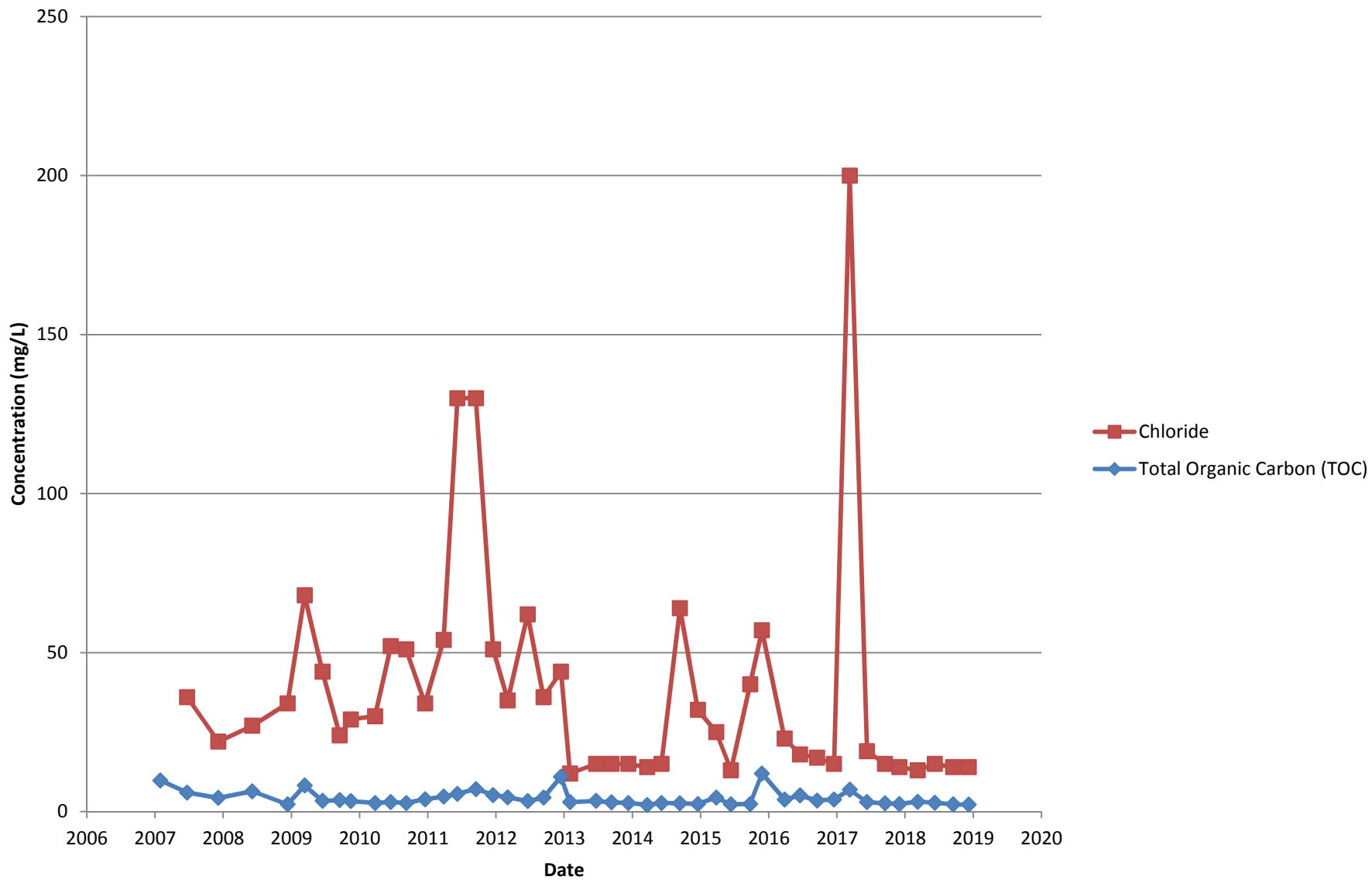
Historical Constituent Concentrations Shallow Well MW-2A



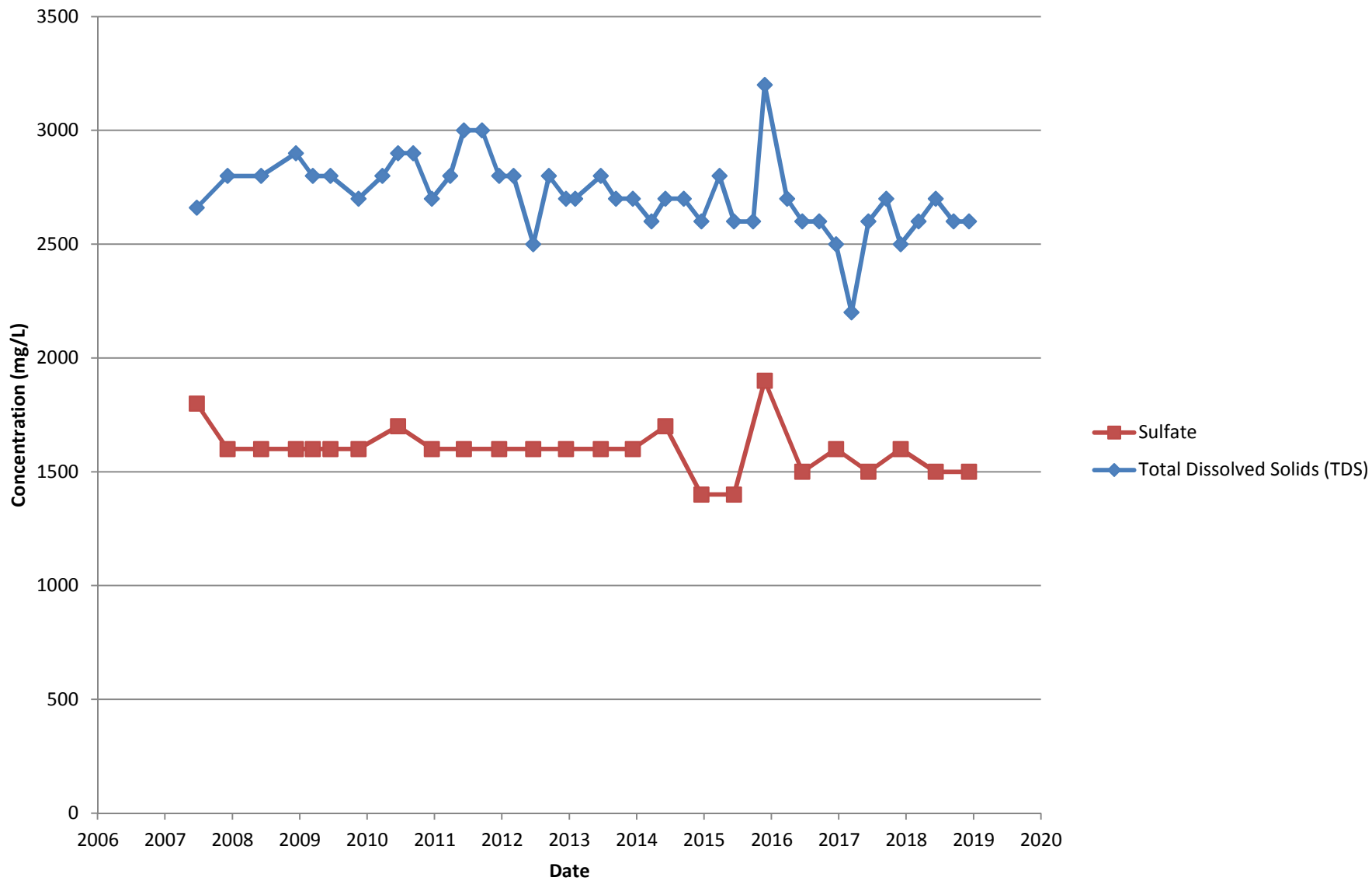
Historical Constituent Concentrations Shallow Well MW-2A



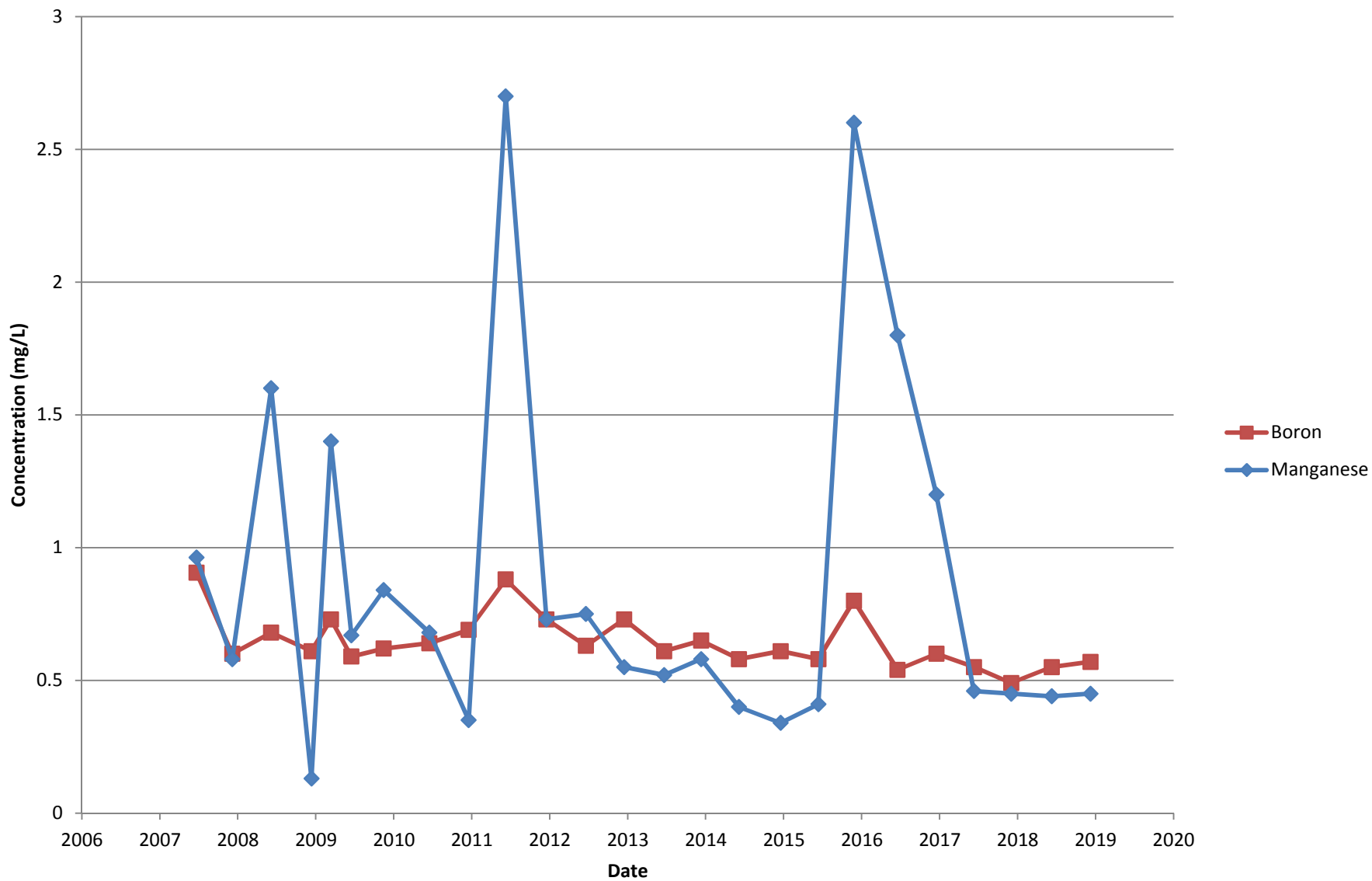
Historical Constituent Concentrations Shallow Well MW-2A



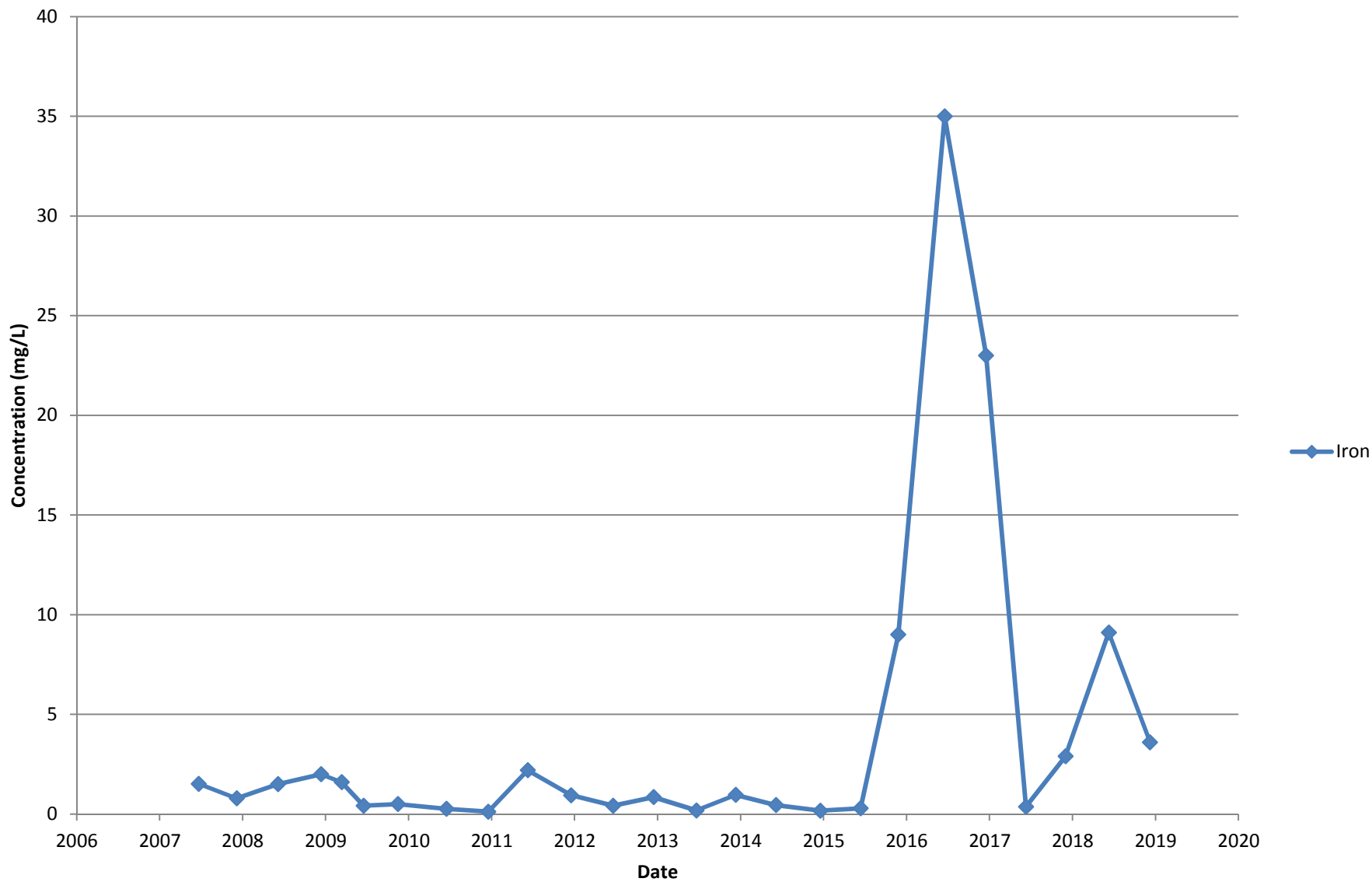
Historical Constituent Concentrations Shallow Well MW-2A



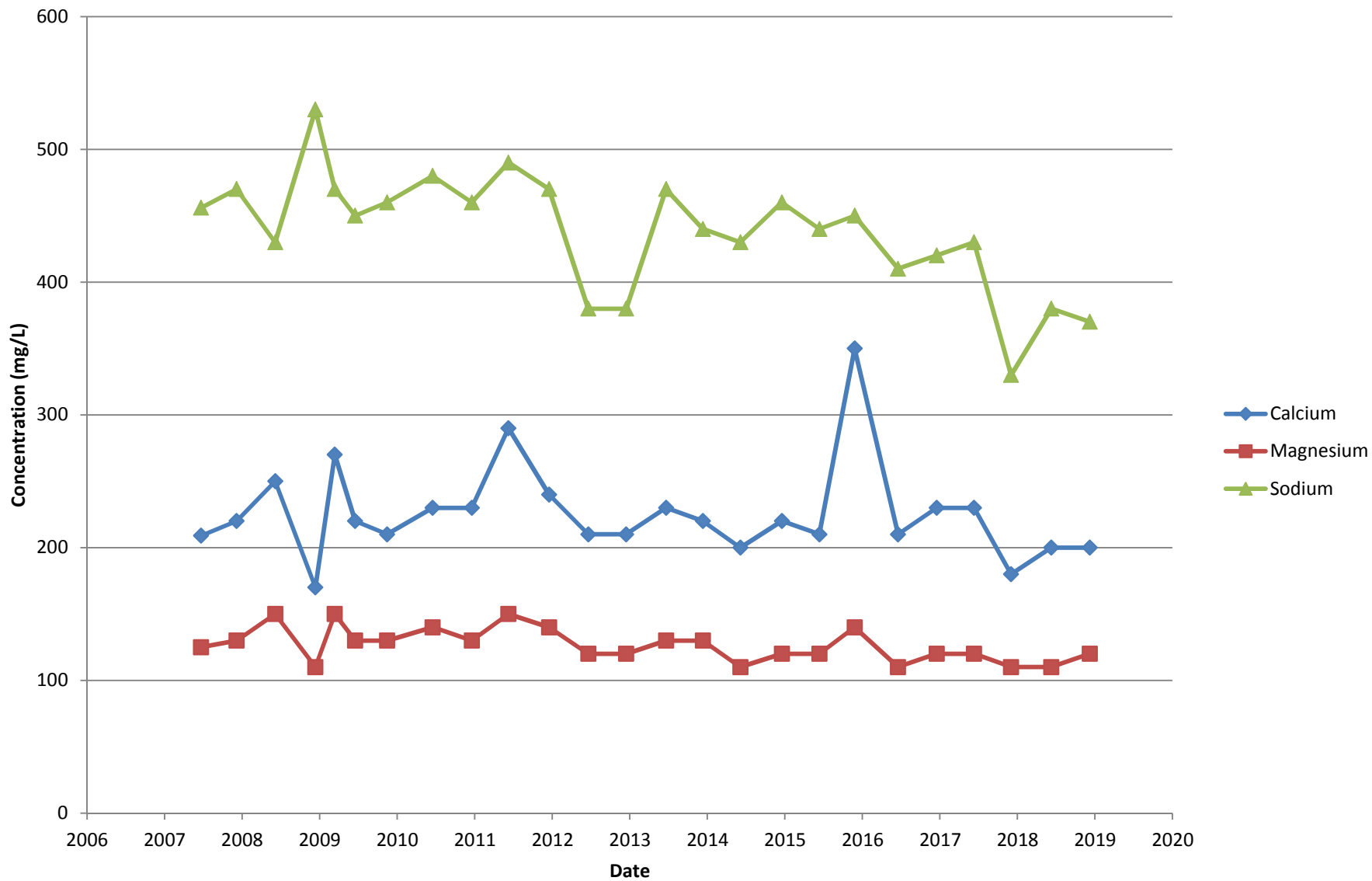
Historical Constituent Concentrations Shallow Well MW-2A



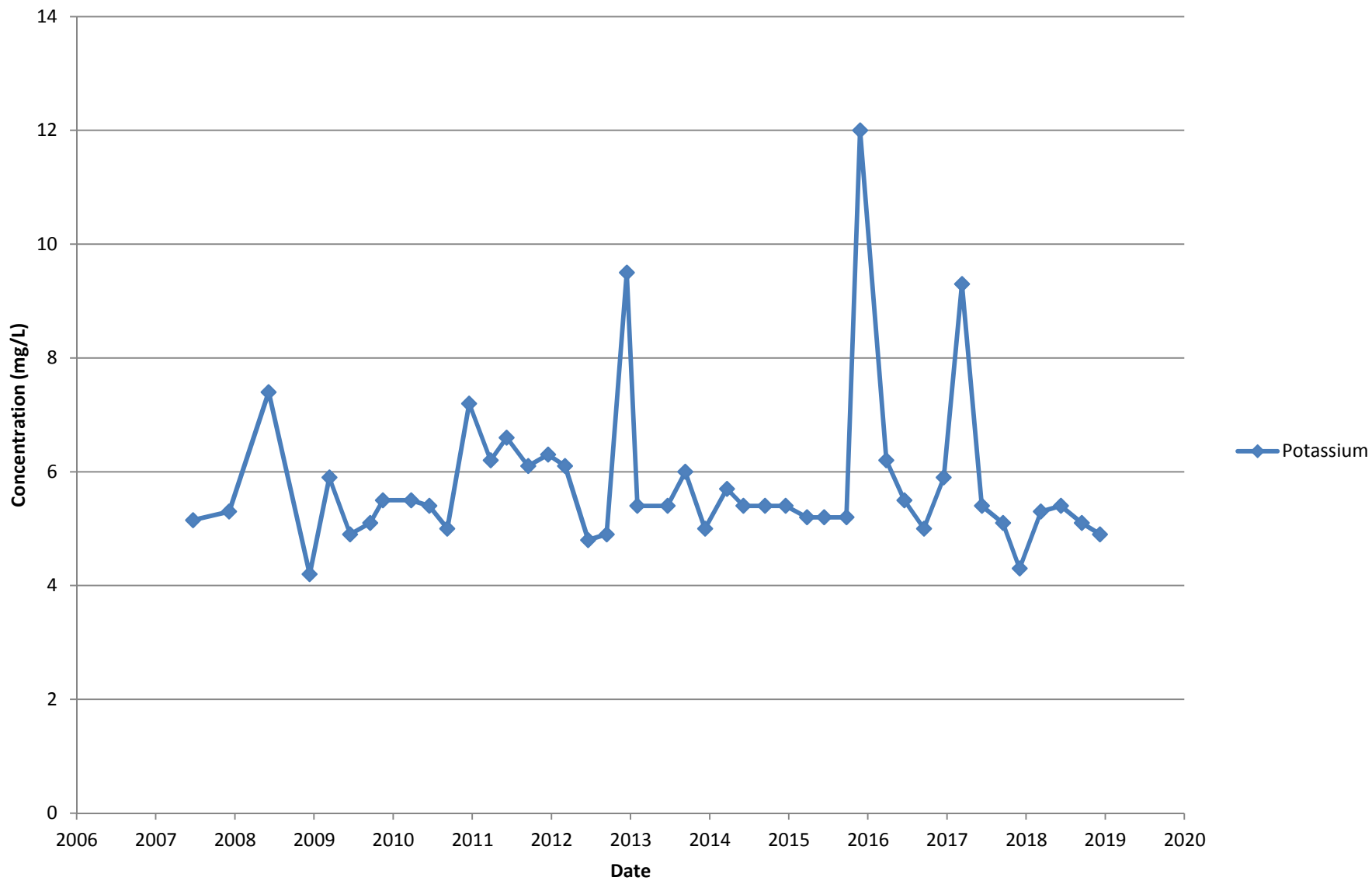
Historical Constituent Concentrations Shallow Well MW-2A



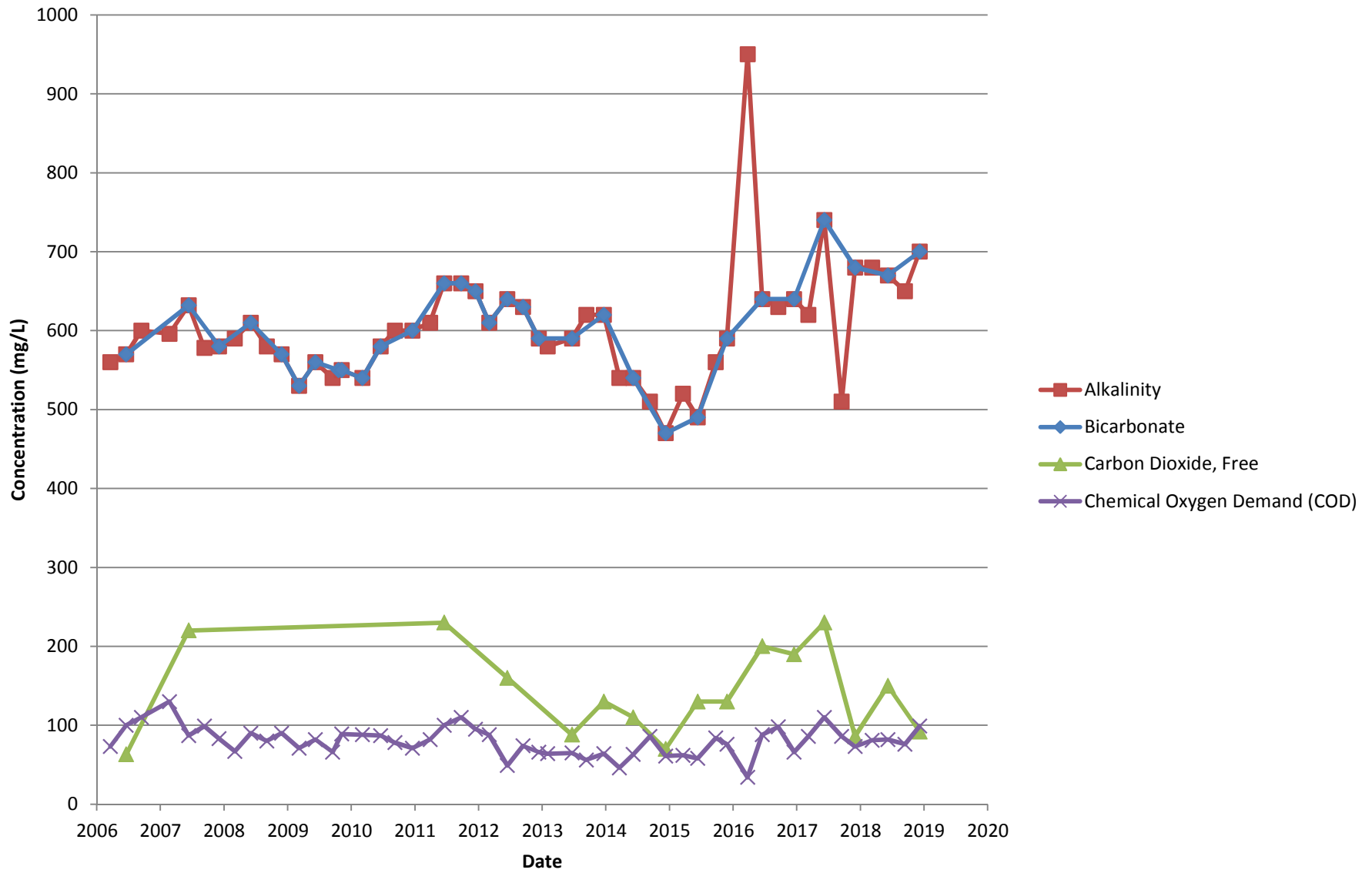
Historical Constituent Concentrations Shallow Well MW-2A



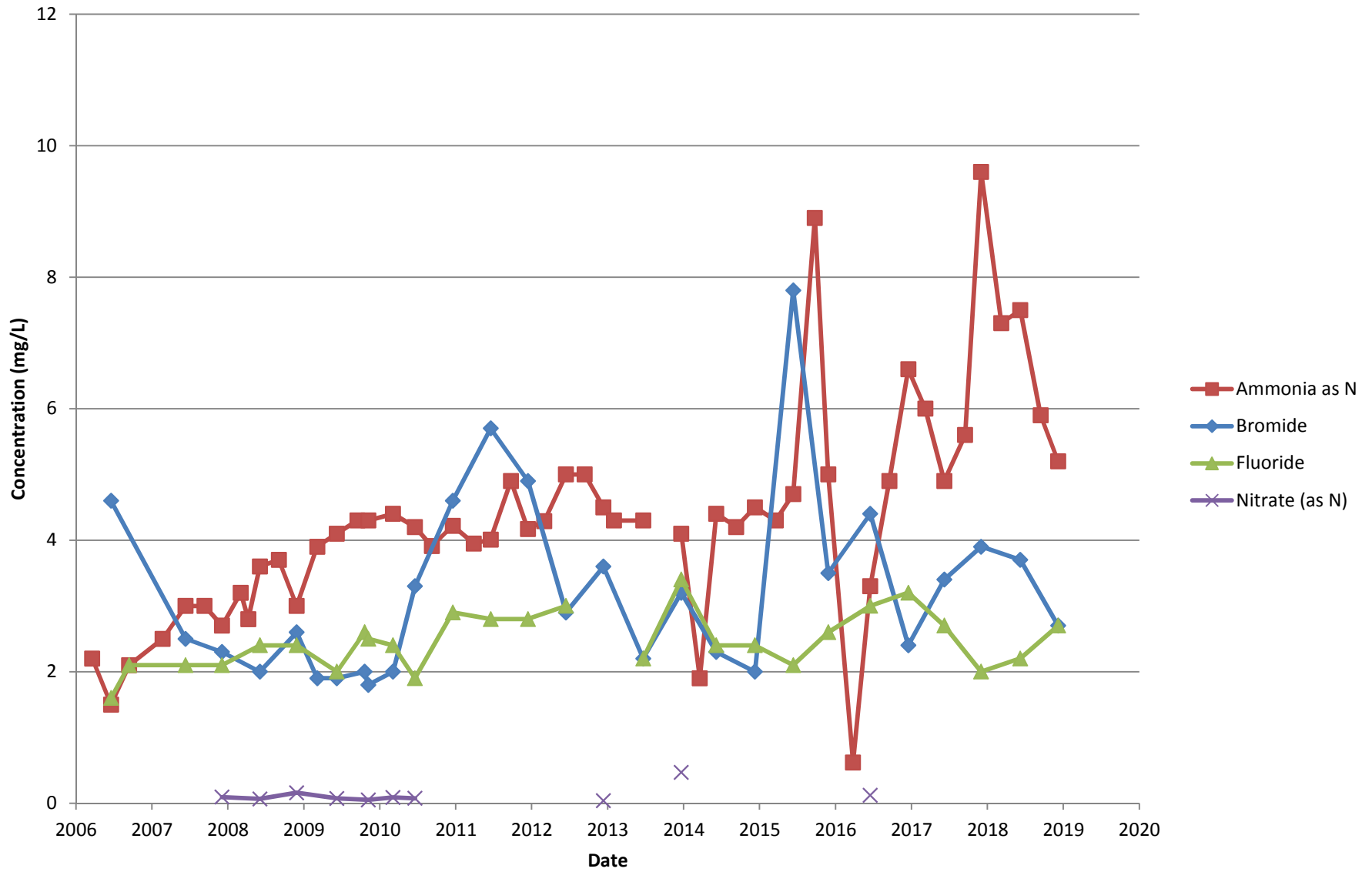
Historical Constituent Concentrations Shallow Well MW-2A



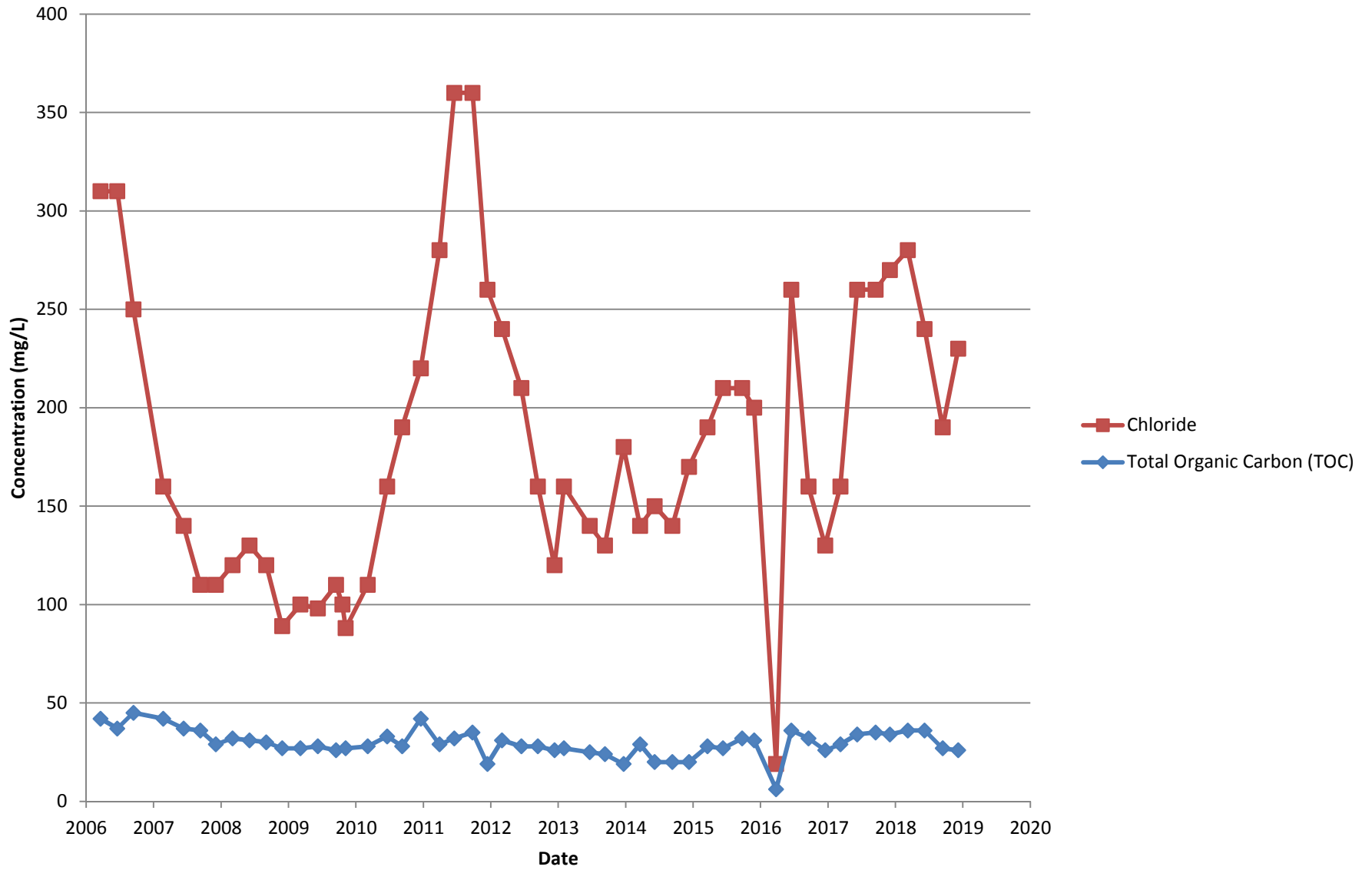
Historical Constituent Concentrations Shallow Well MW-5



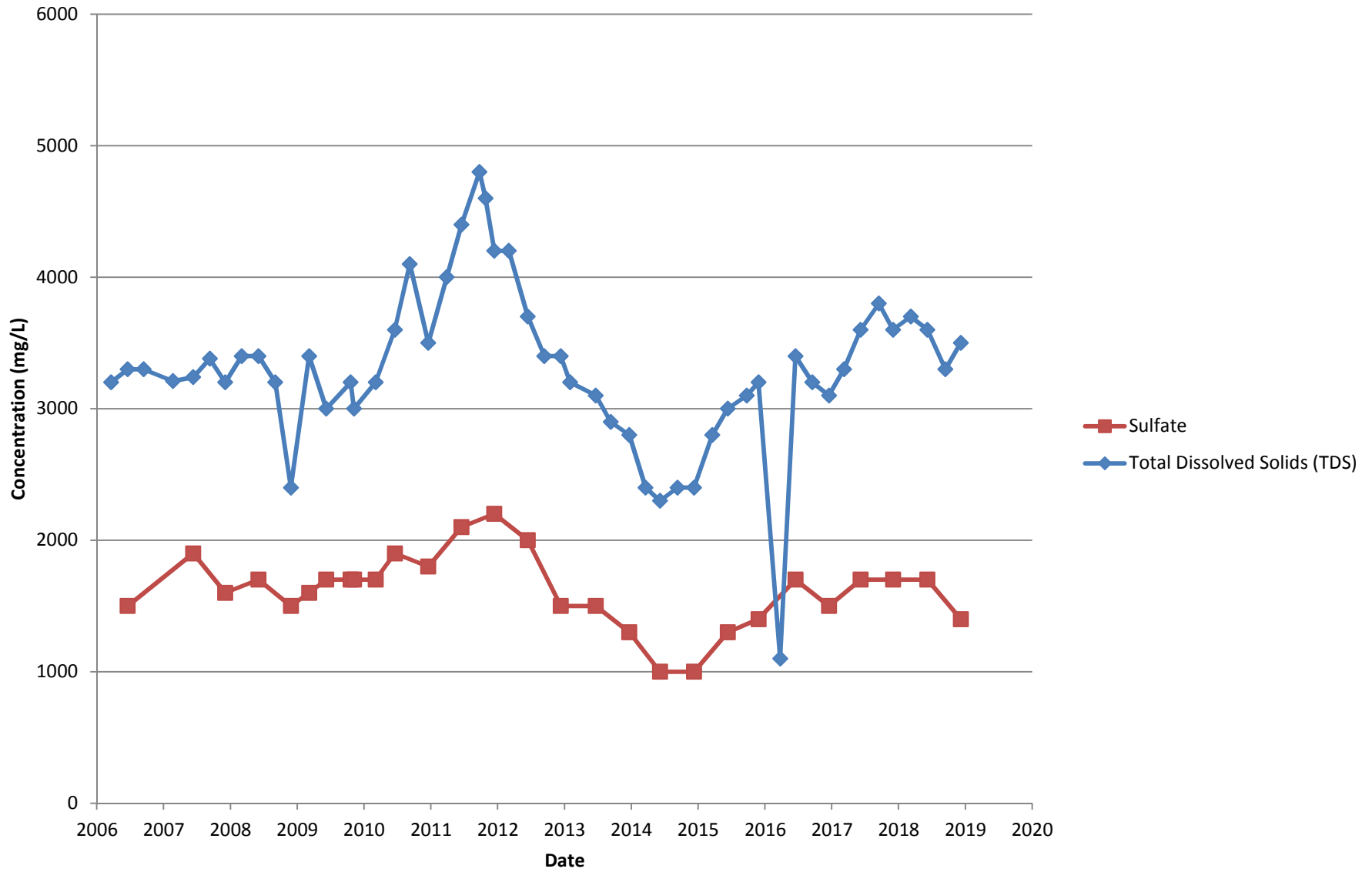
Historical Constituent Concentrations Shallow Well MW-5



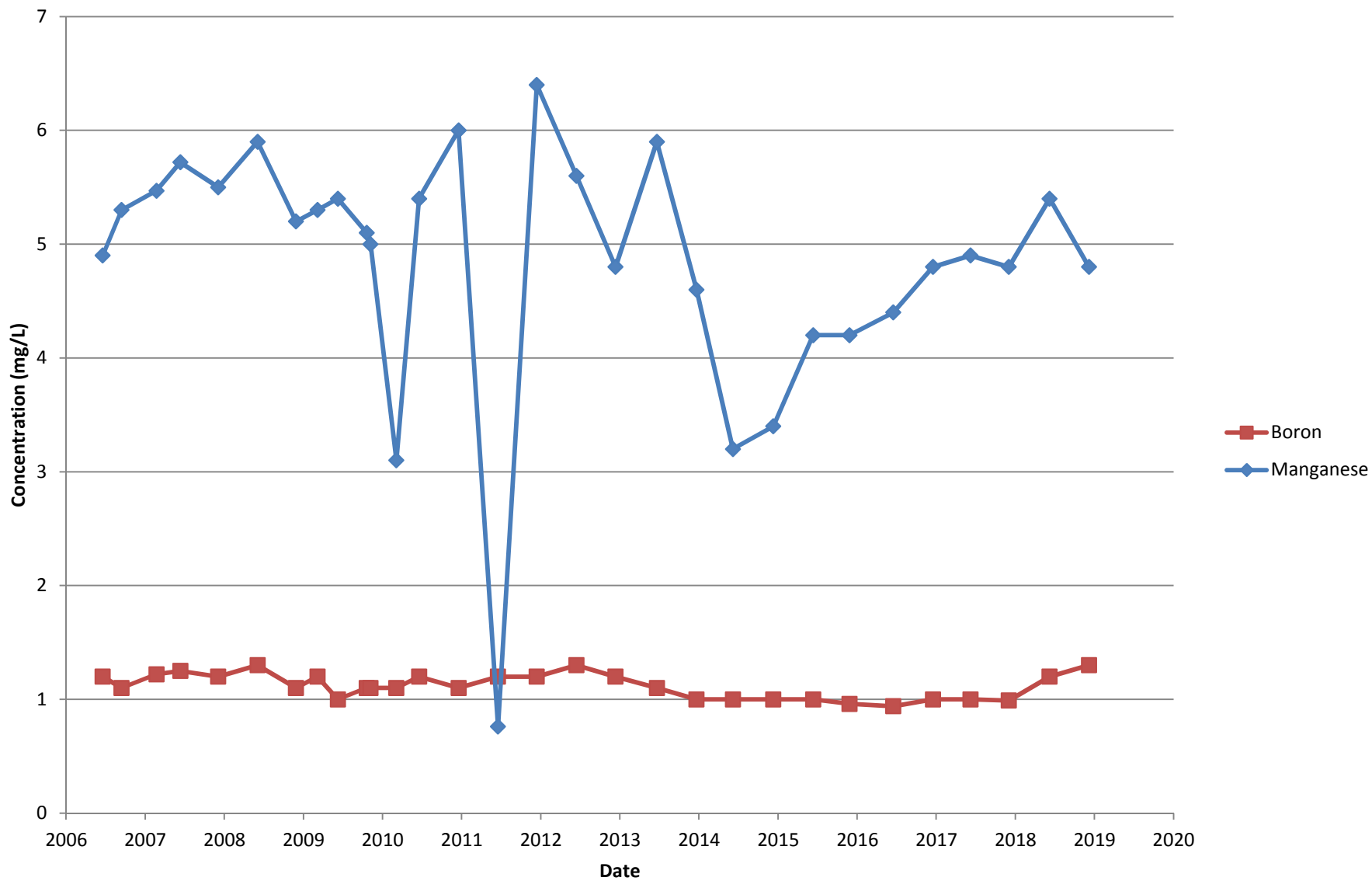
Historical Constituent Concentrations Shallow Well MW-5



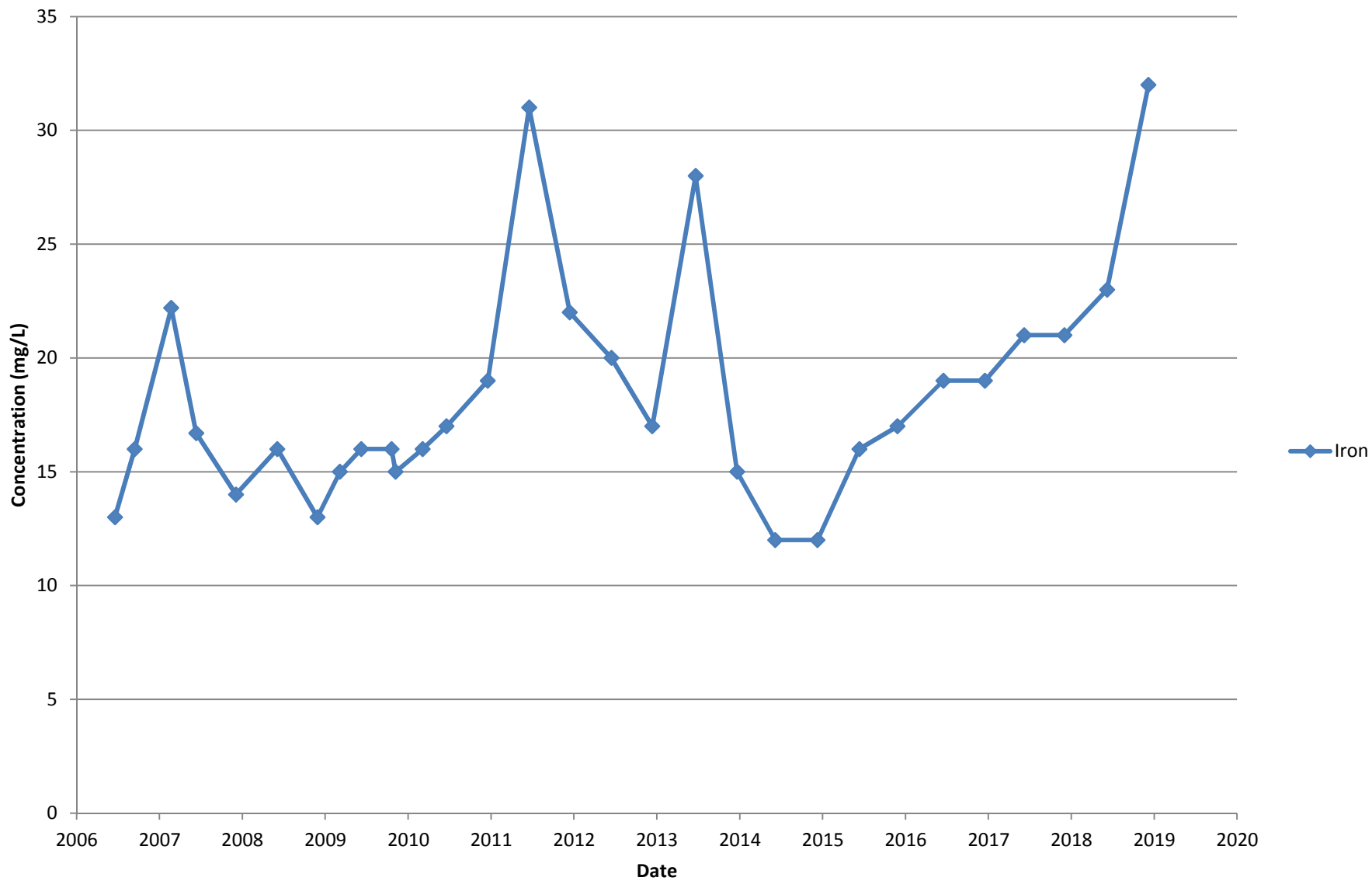
Historical Constituent Concentrations Shallow Well MW-5



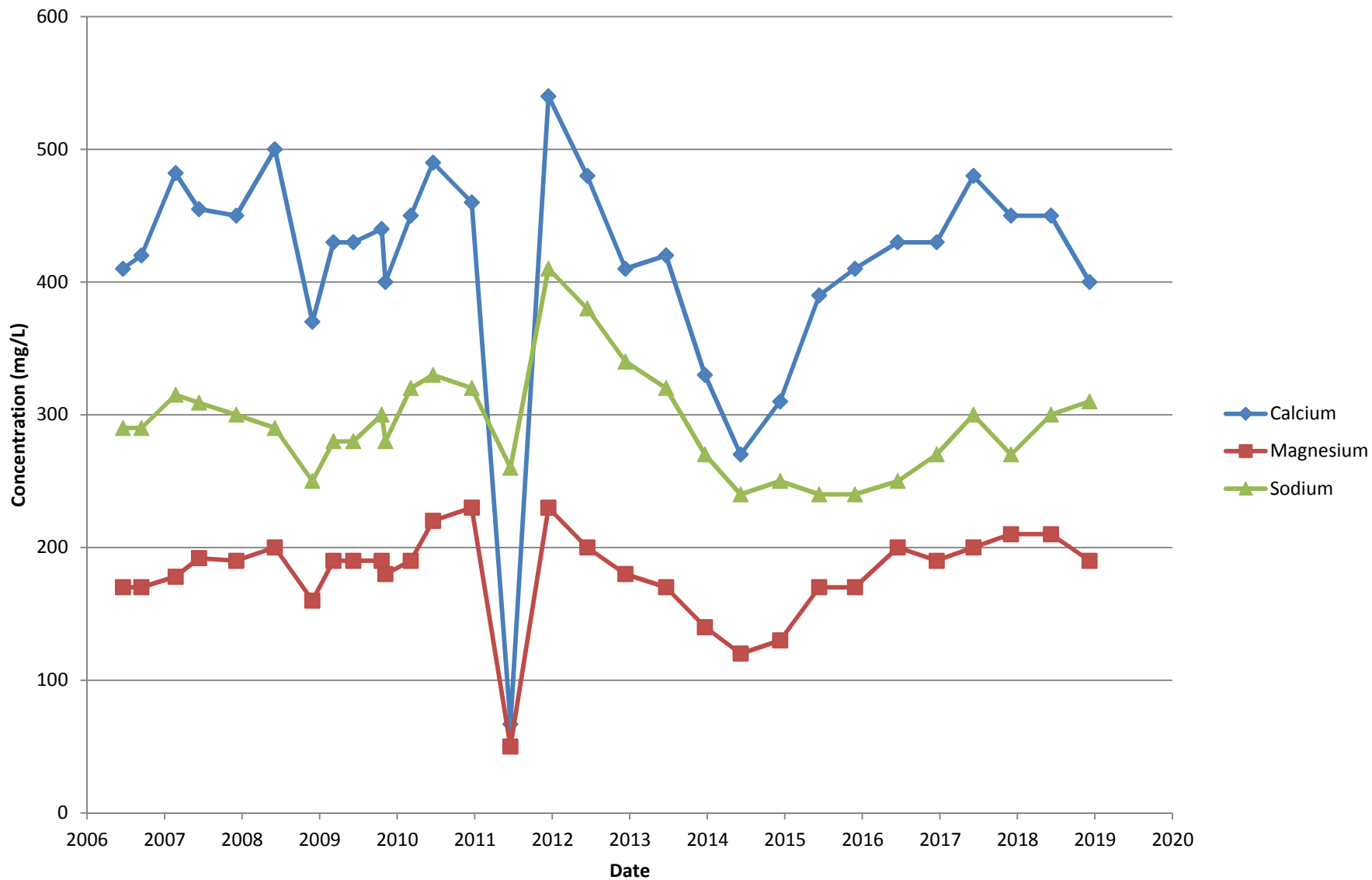
Historical Constituent Concentrations Shallow Well MW-5



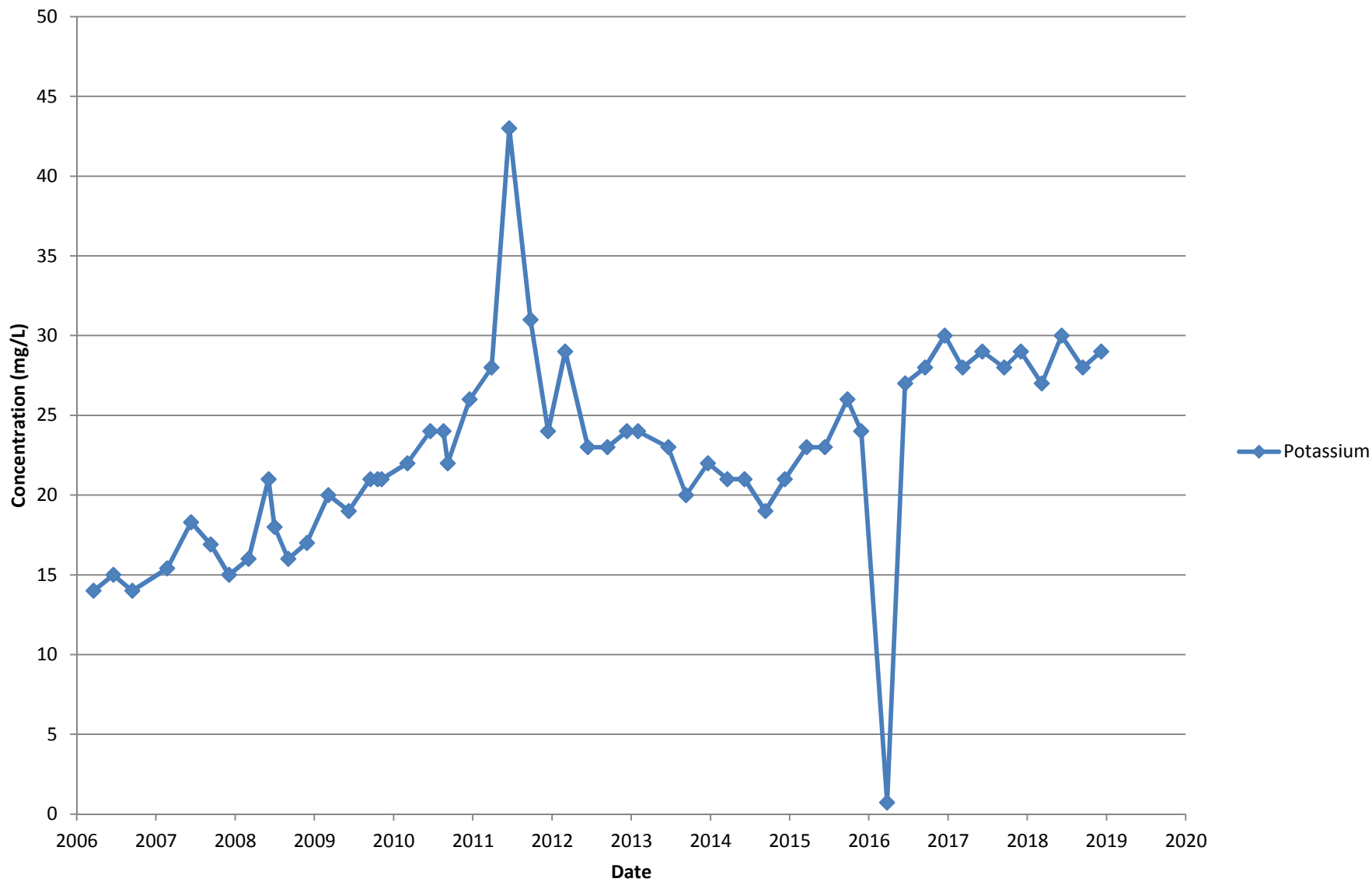
Historical Constituent Concentrations Shallow Well MW-5



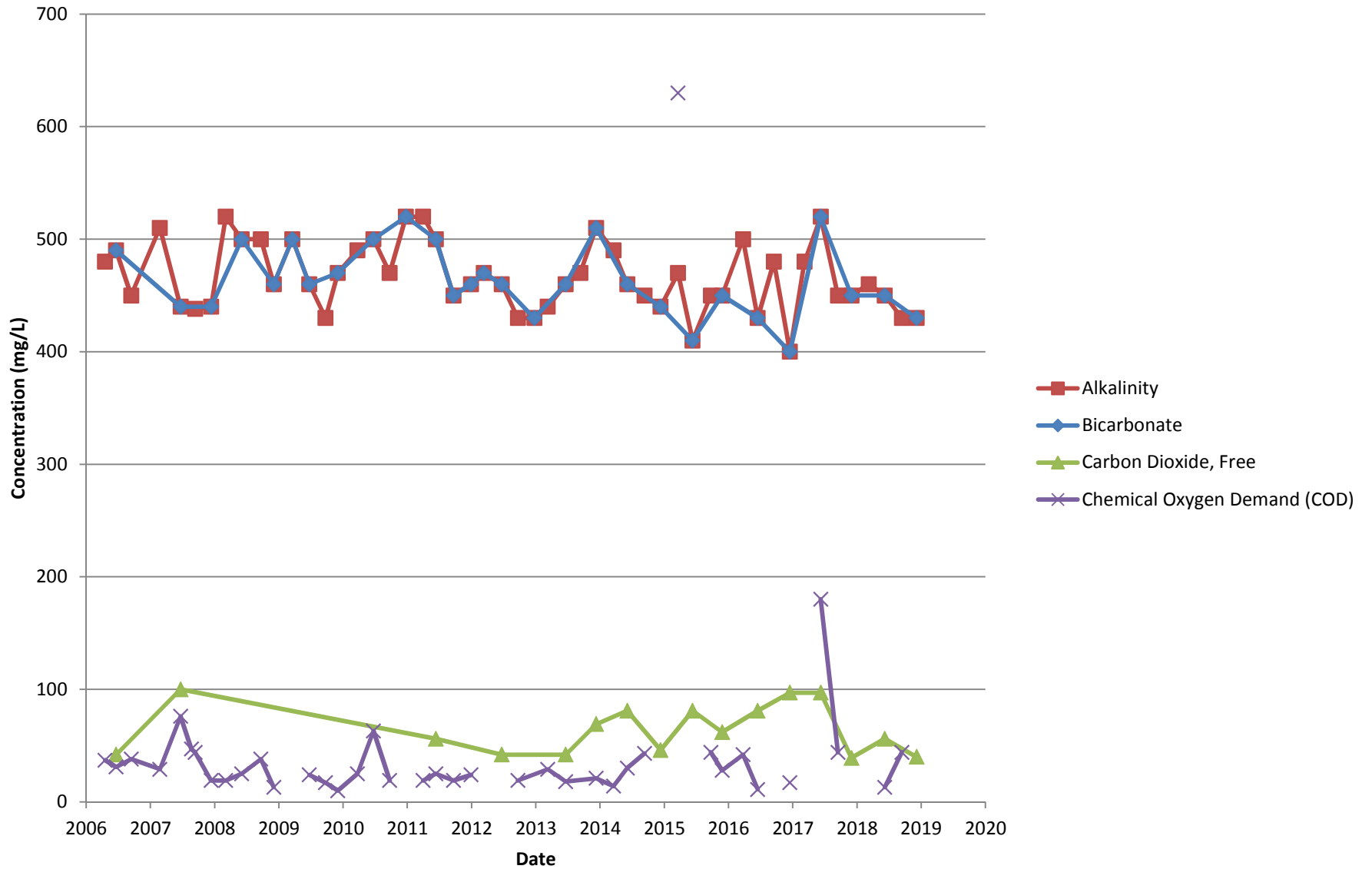
Historical Constituent Concentrations Shallow Well MW-5



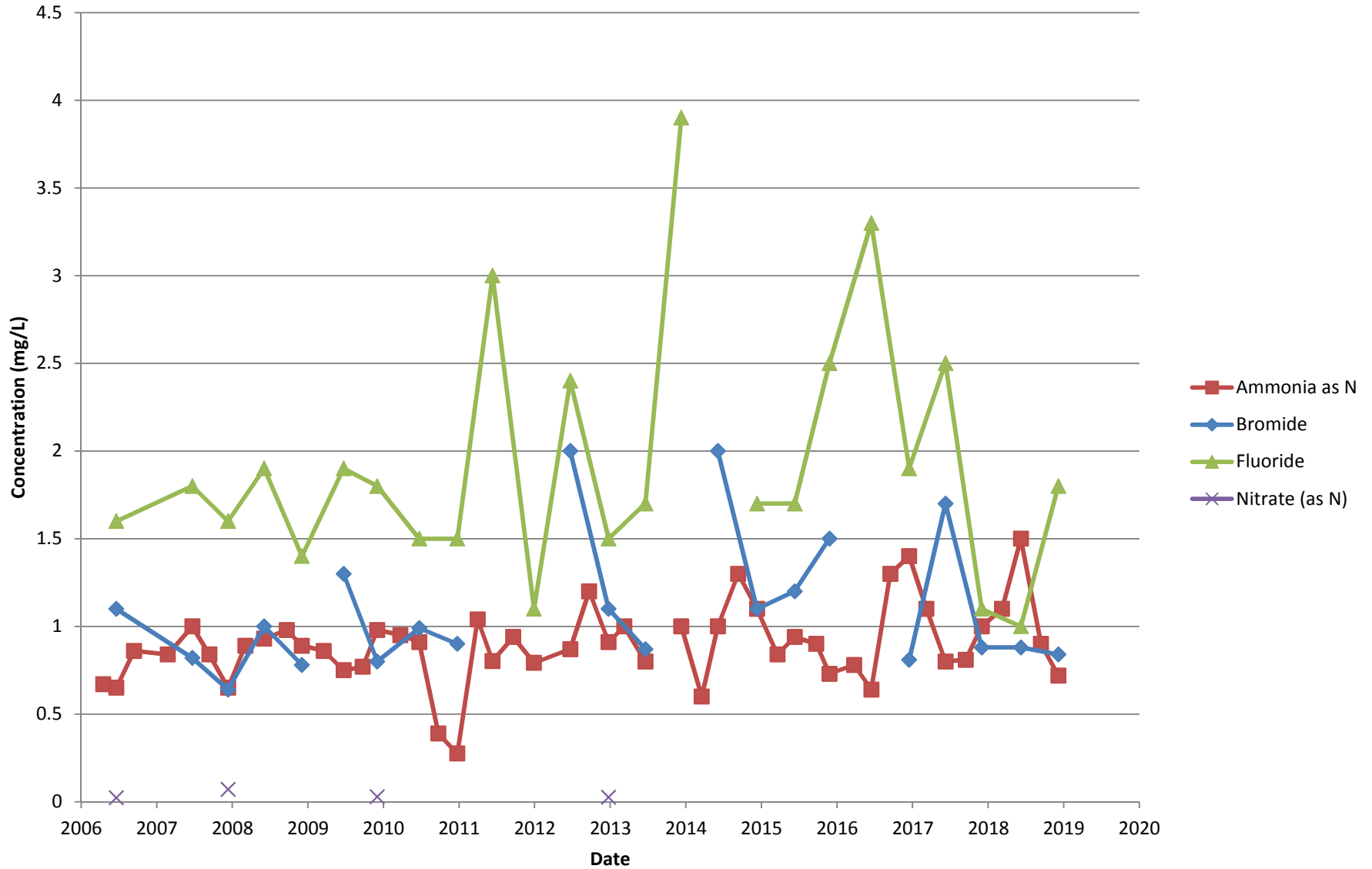
Historical Constituent Concentrations Shallow Well MW-5



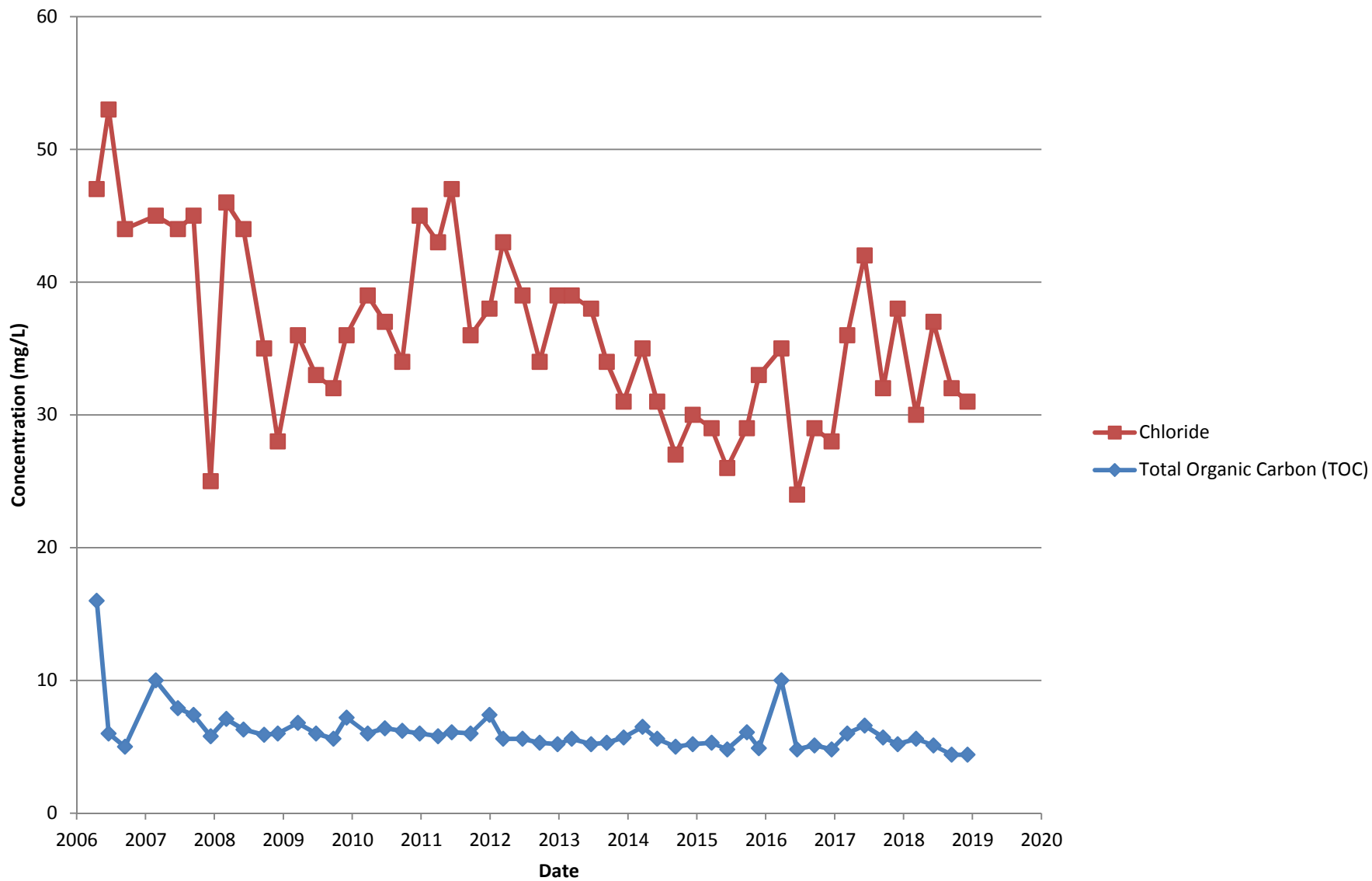
Historical Constituent Concentrations Shallow Well MW-6



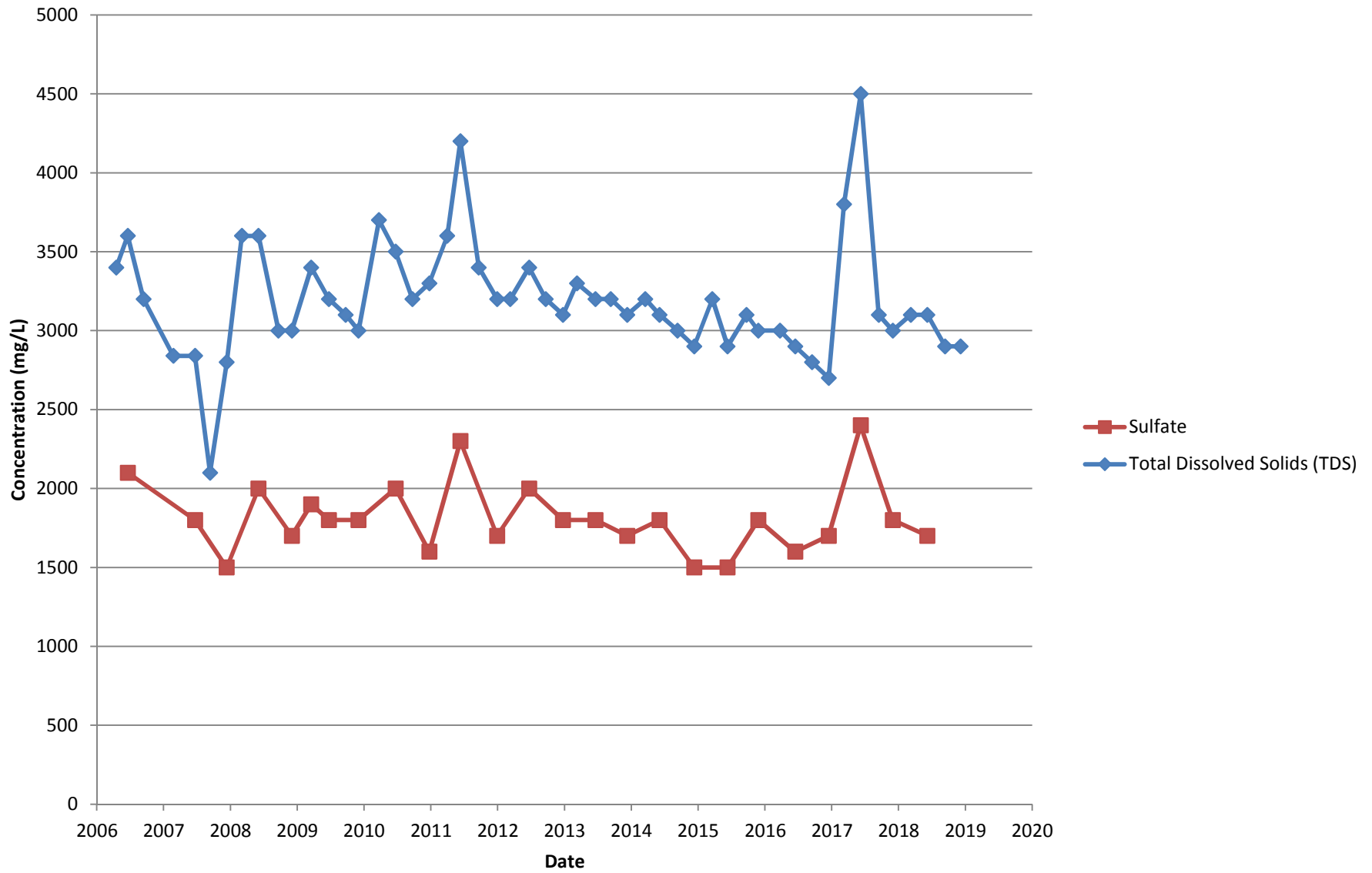
Historical Constituent Concentrations Shallow Well MW-6



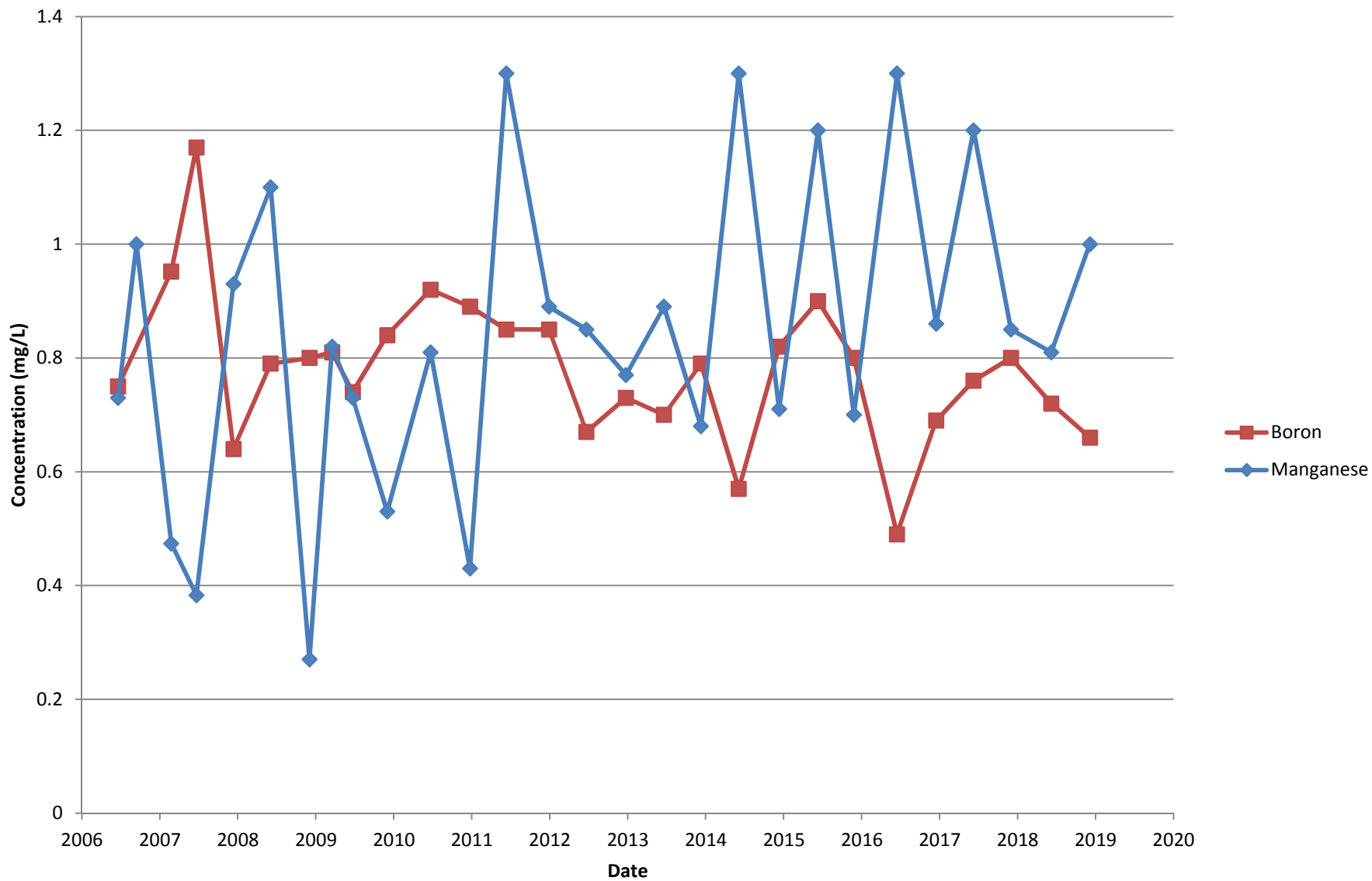
Historical Constituent Concentrations Shallow Well MW-6



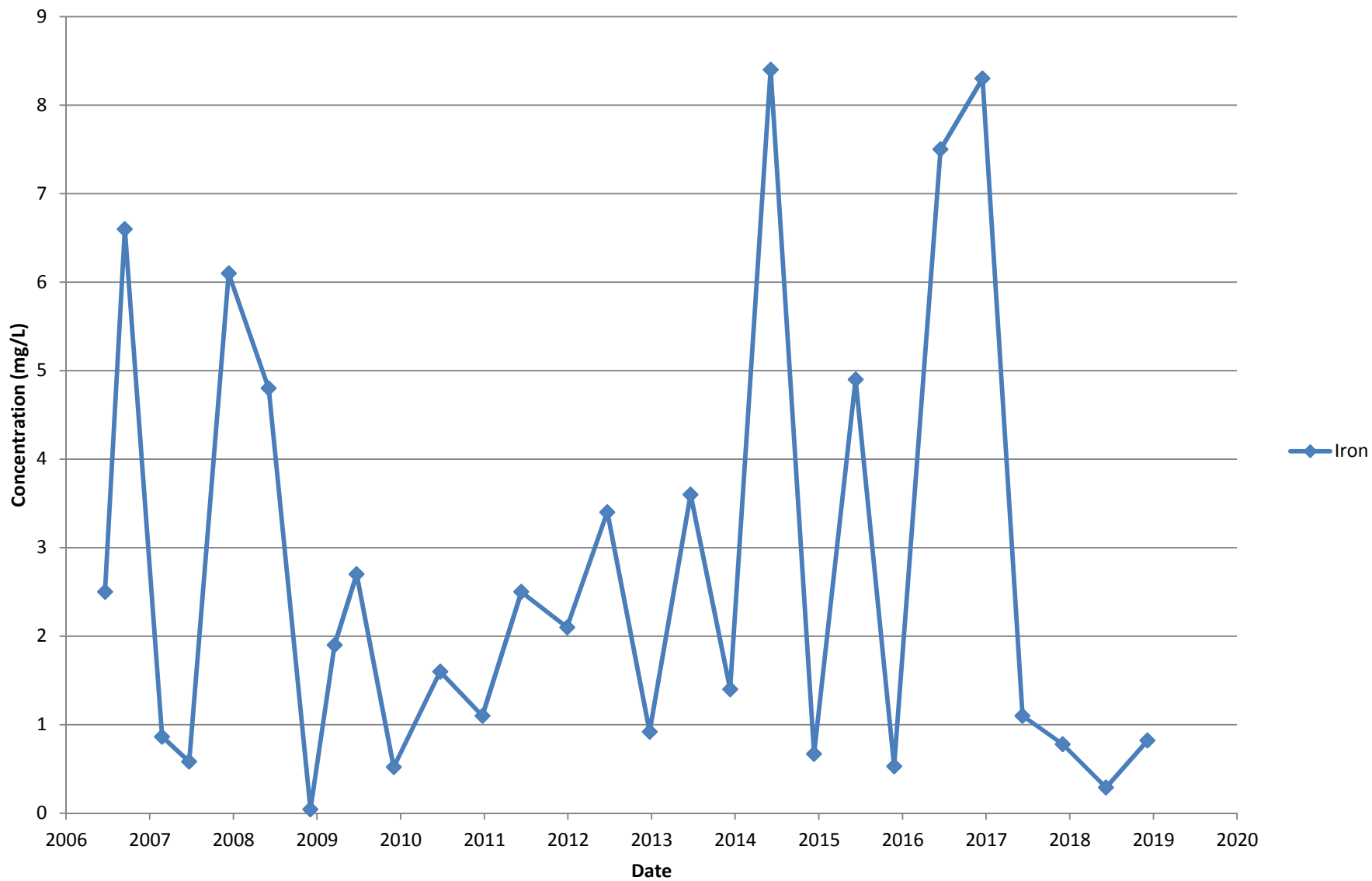
Historical Constituent Concentrations Shallow Well MW-6



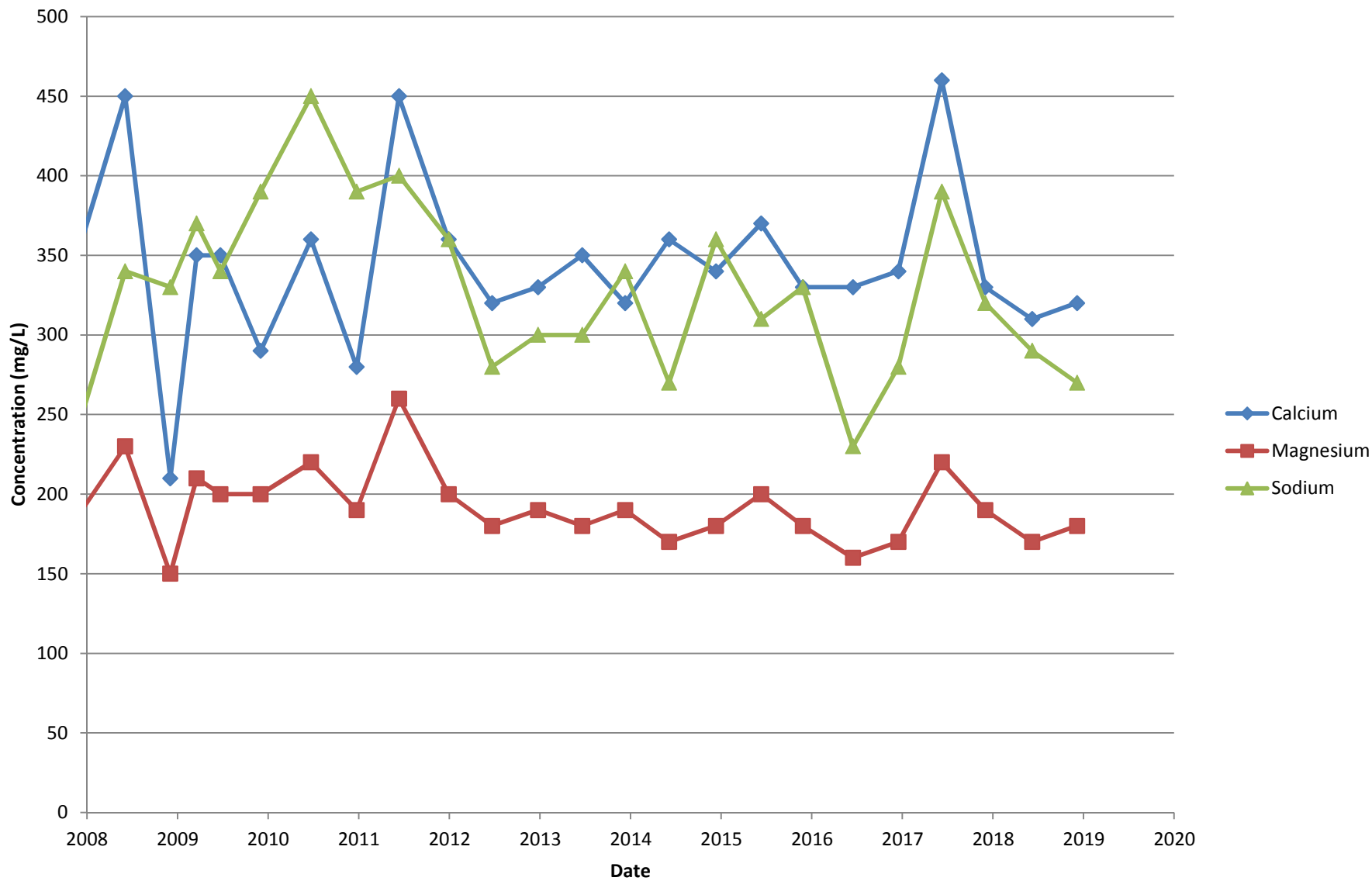
Historical Constituent Concentrations Shallow Well MW-6



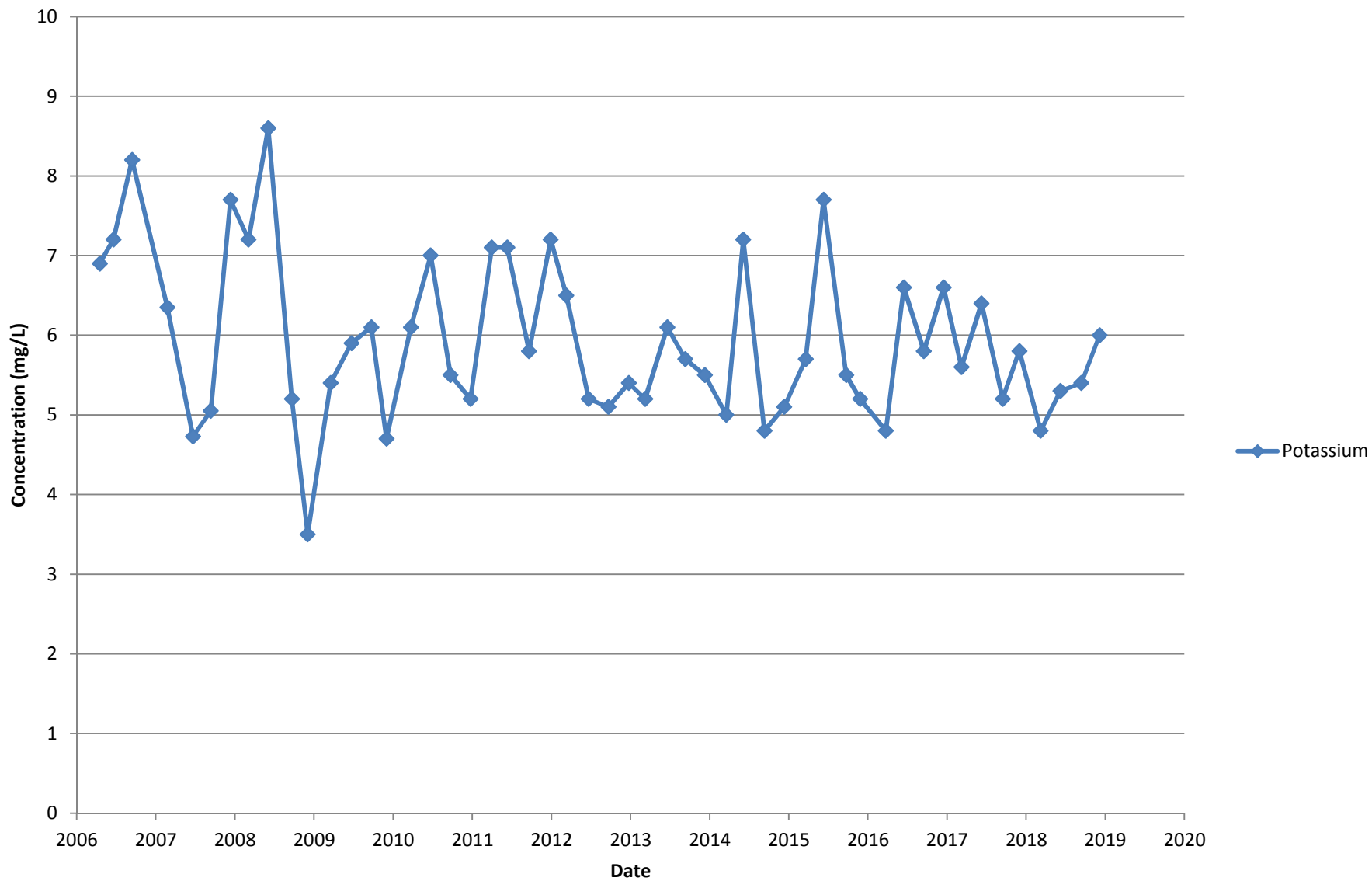
Historical Constituent Concentrations Shallow Well MW-6



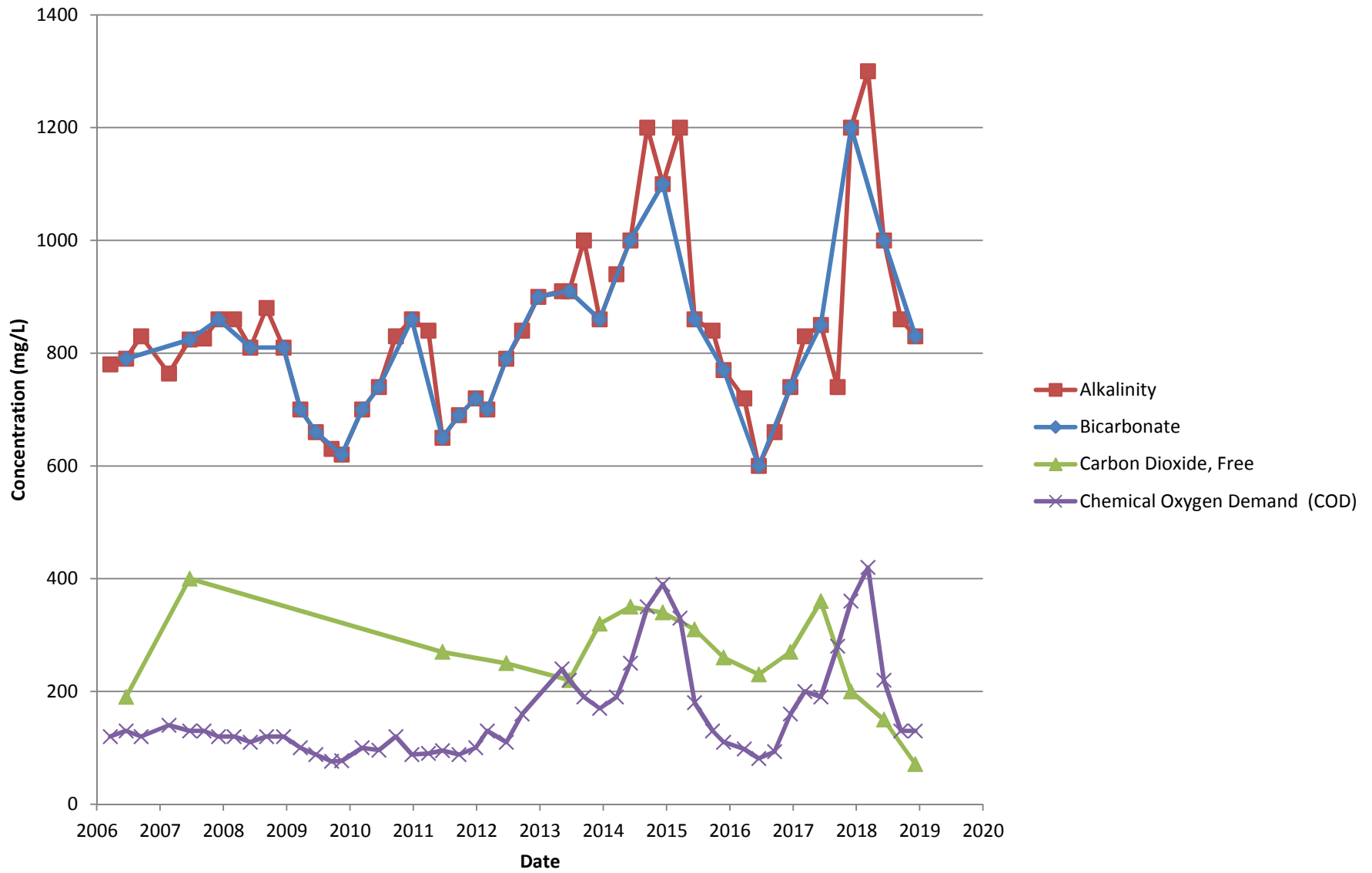
Historical Constituent Concentrations Shallow Well MW-6



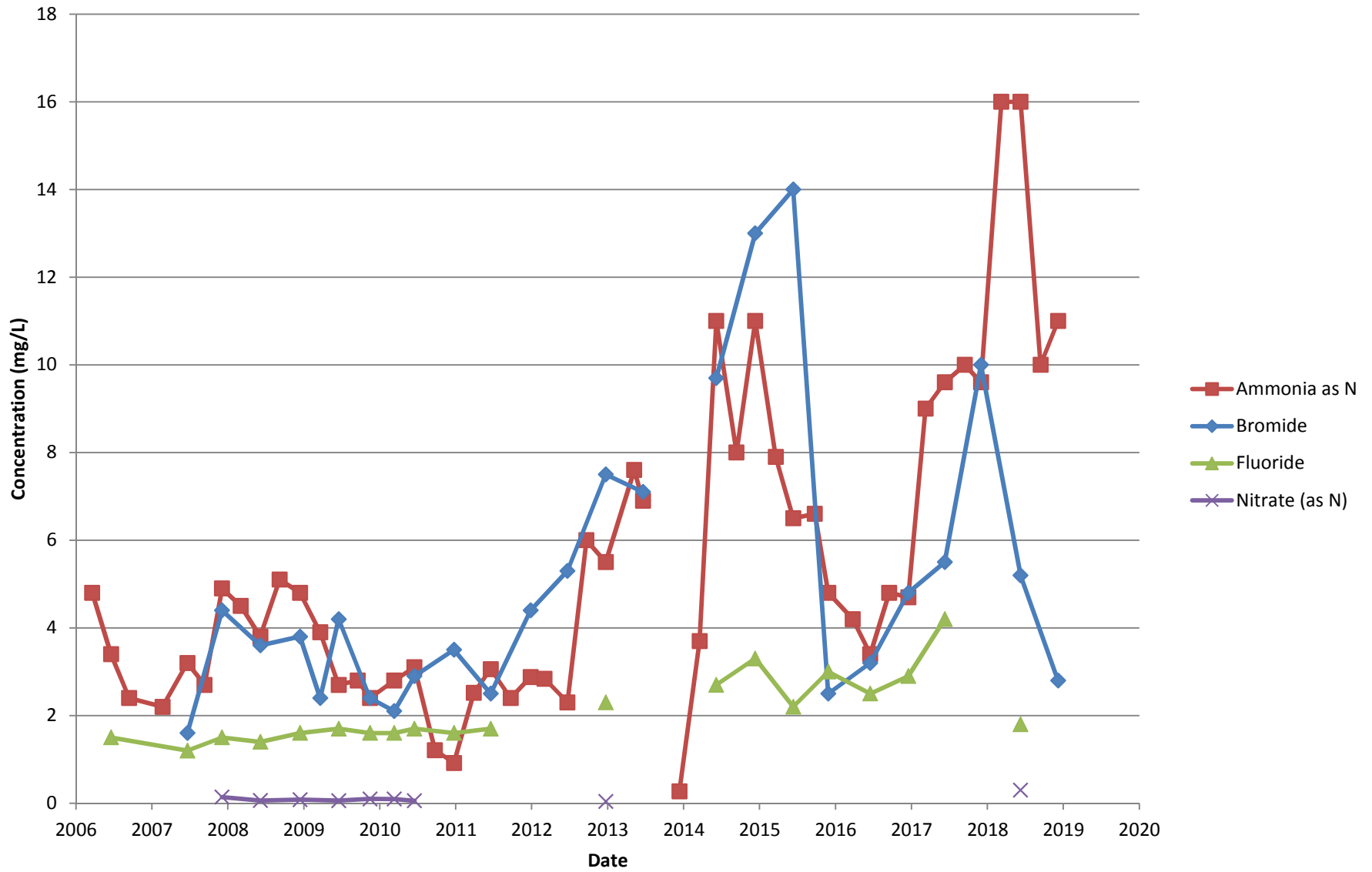
Historical Constituent Concentrations Shallow Well MW-6



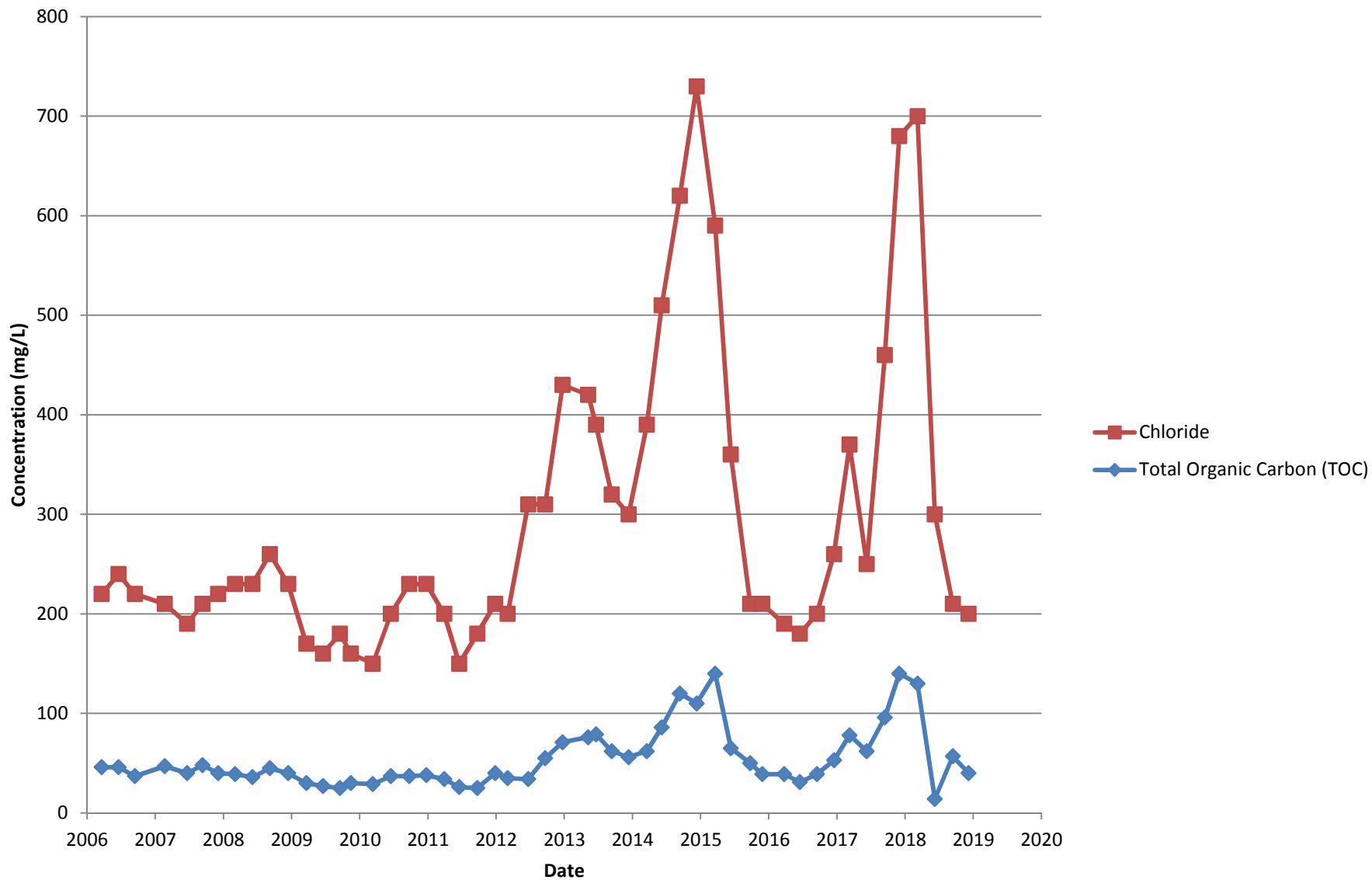
Historical Constituent Concentrations Shallow Well MW-9



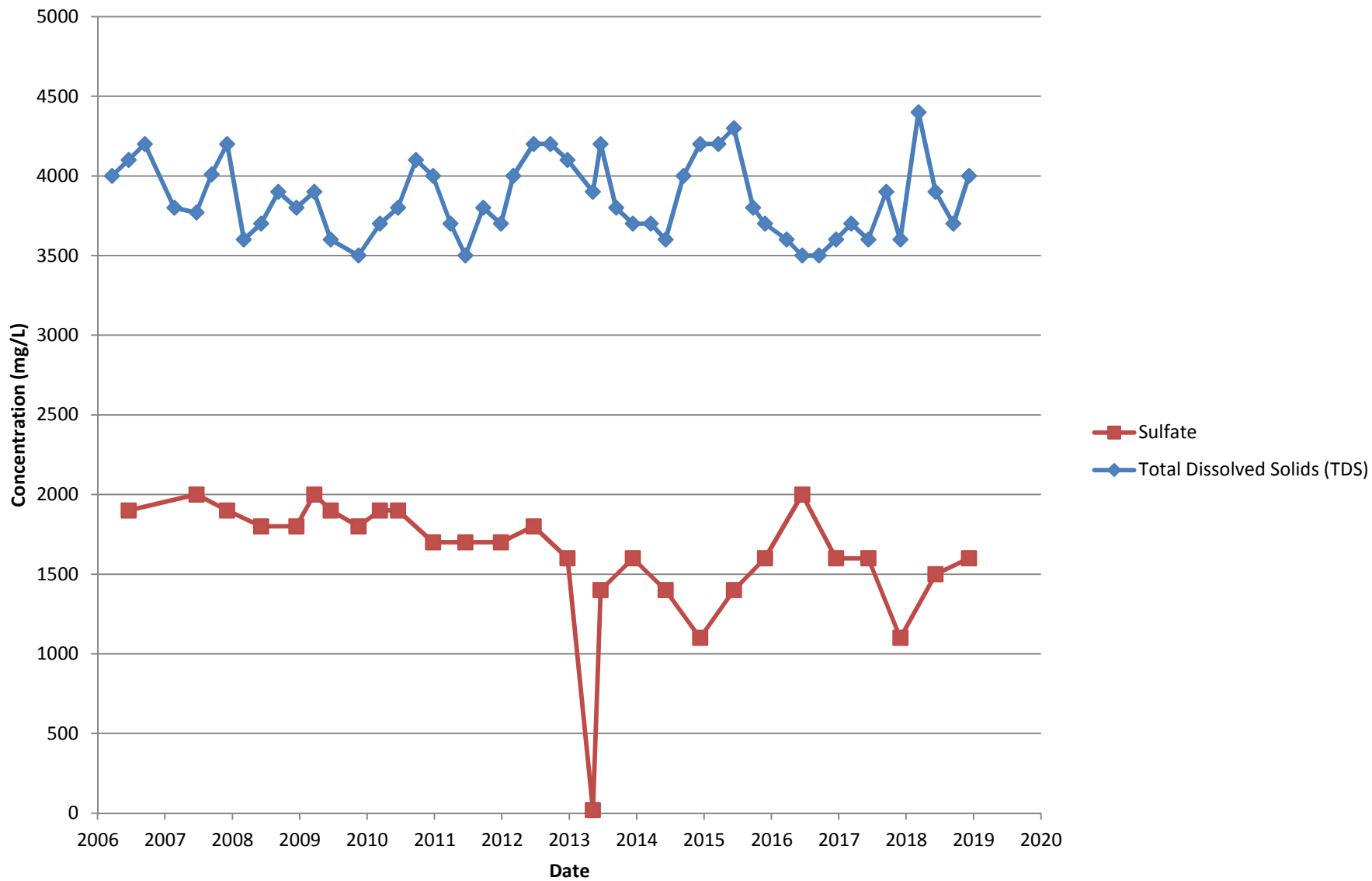
Historical Constituent Concentrations Shallow Well MW-9



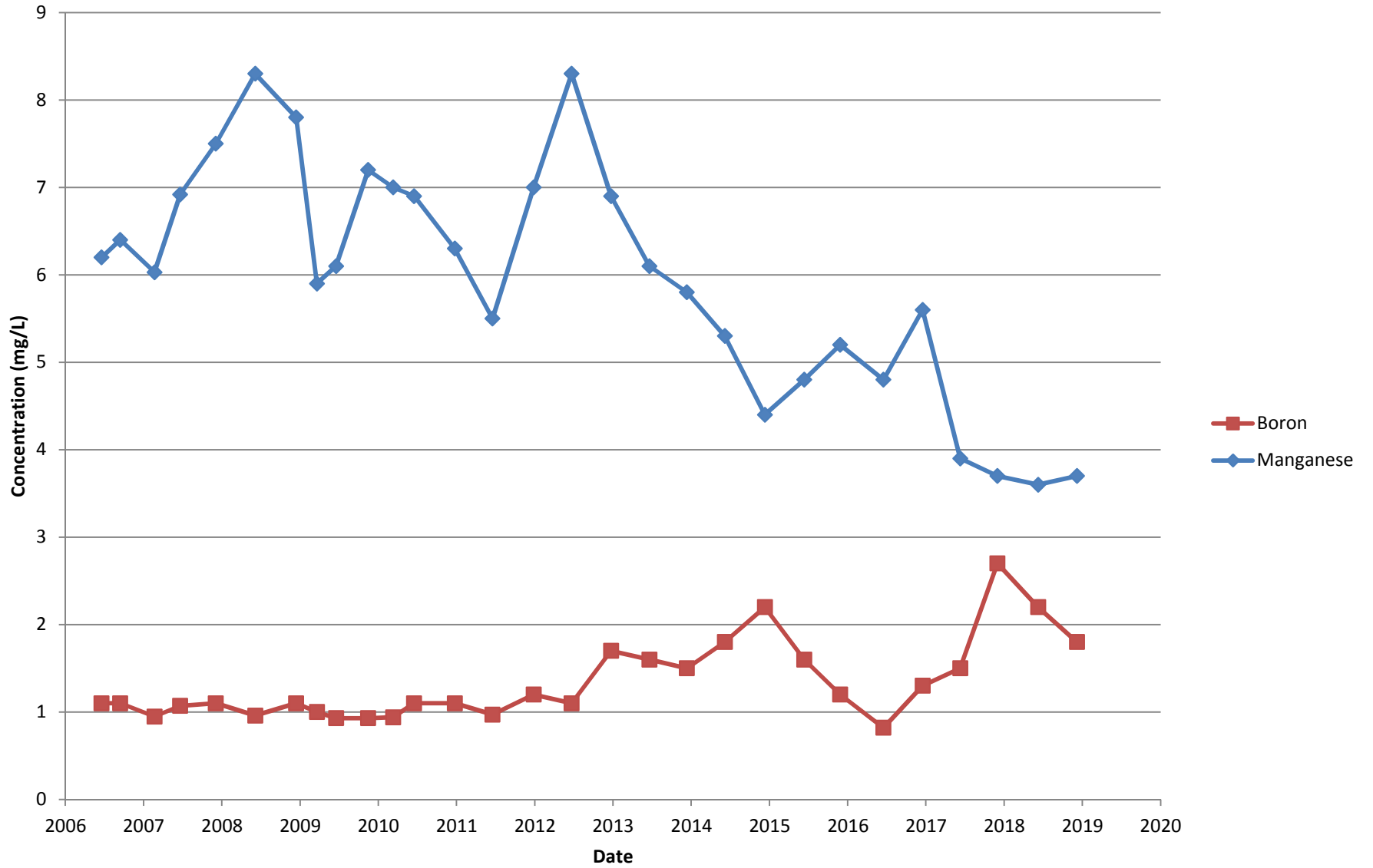
Historical Constituent Concentrations Shallow Well MW-9



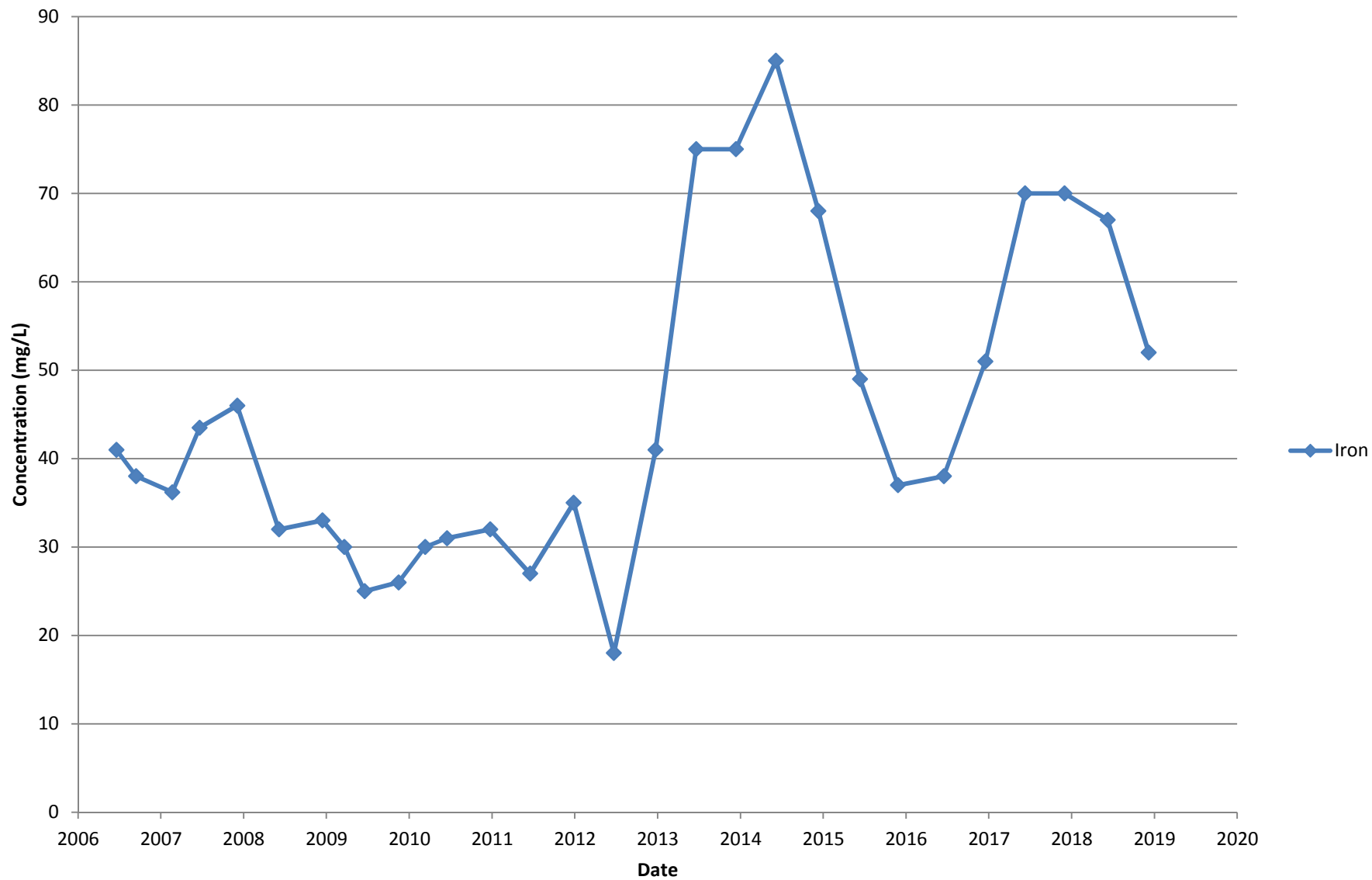
Historical Constituent Concentrations Shallow Well MW-9



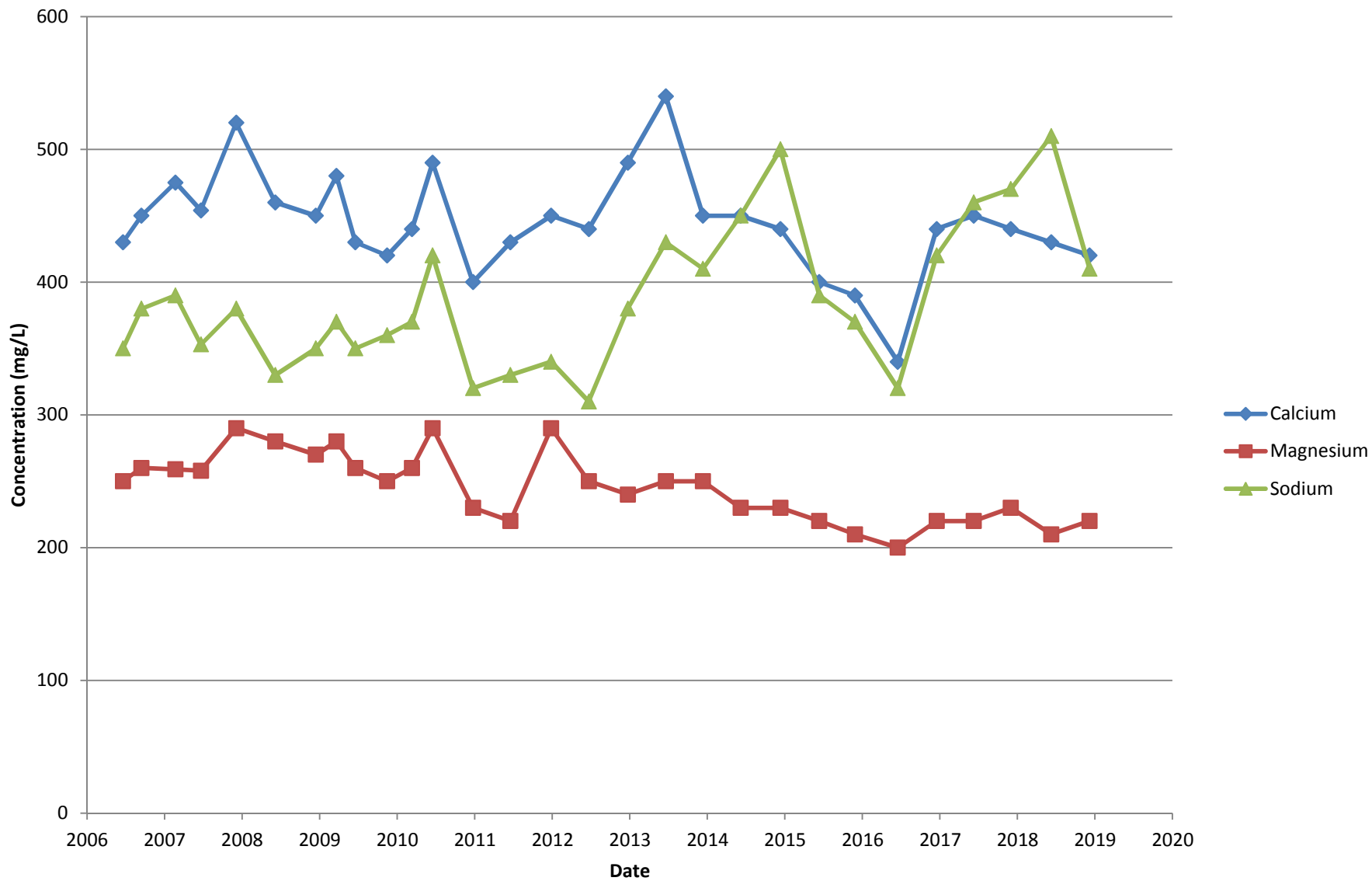
Historical Constituent Concentrations Shallow Well MW-9



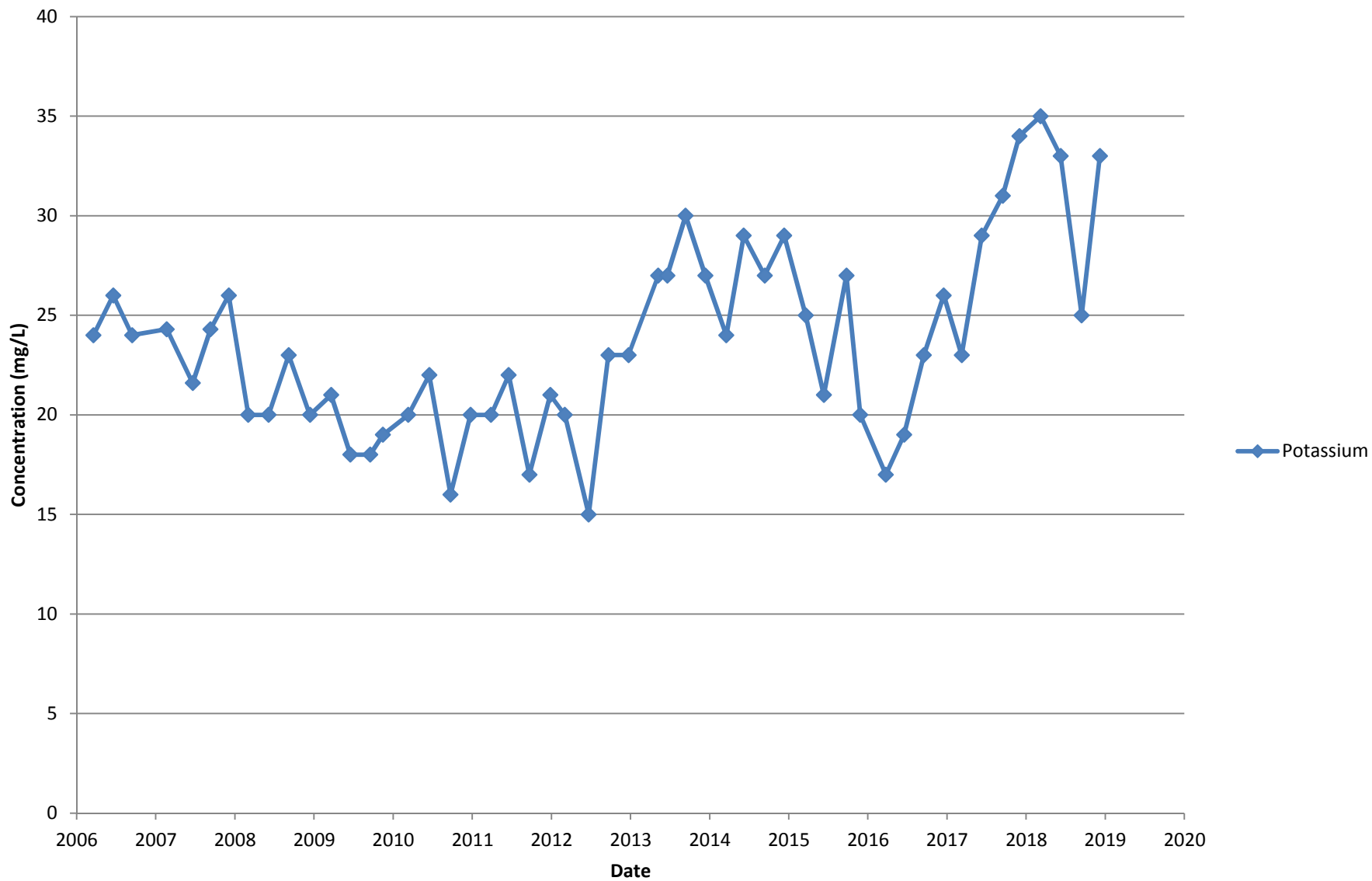
Historical Constituent Concentrations Shallow Well MW-9



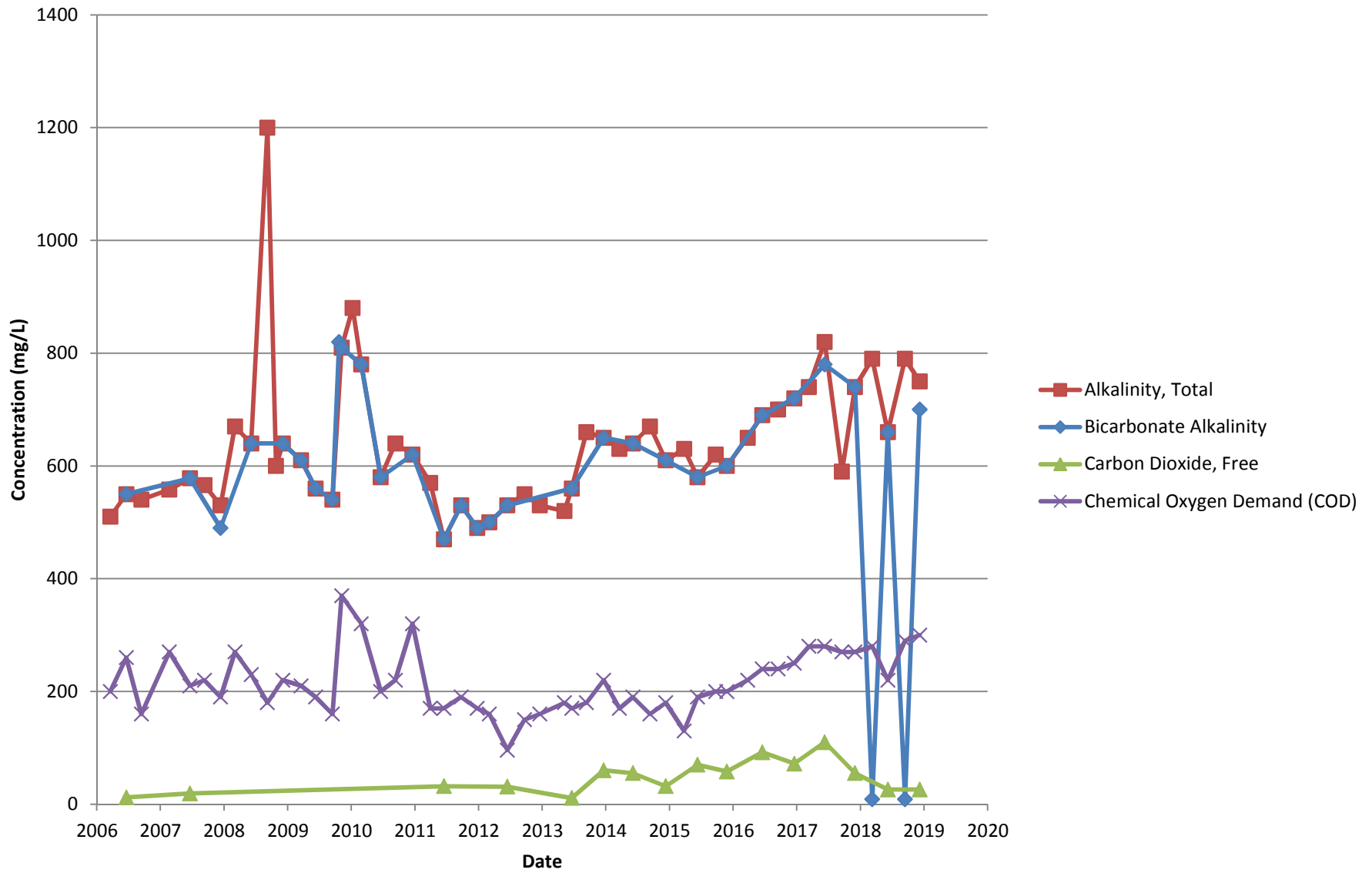
Historical Constituent Concentrations Shallow Well MW-9



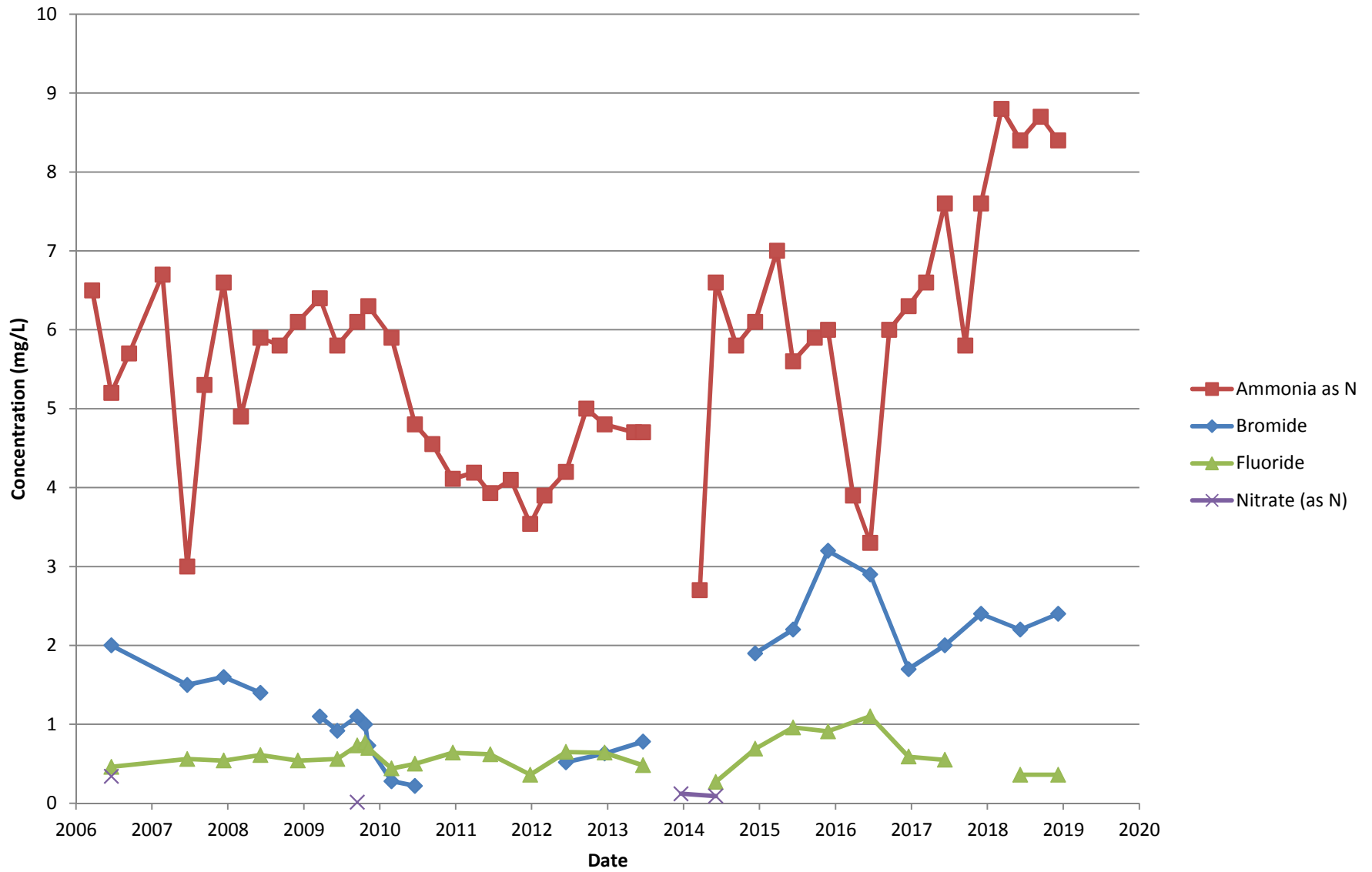
Historical Constituent Concentrations Shallow Well MW-9



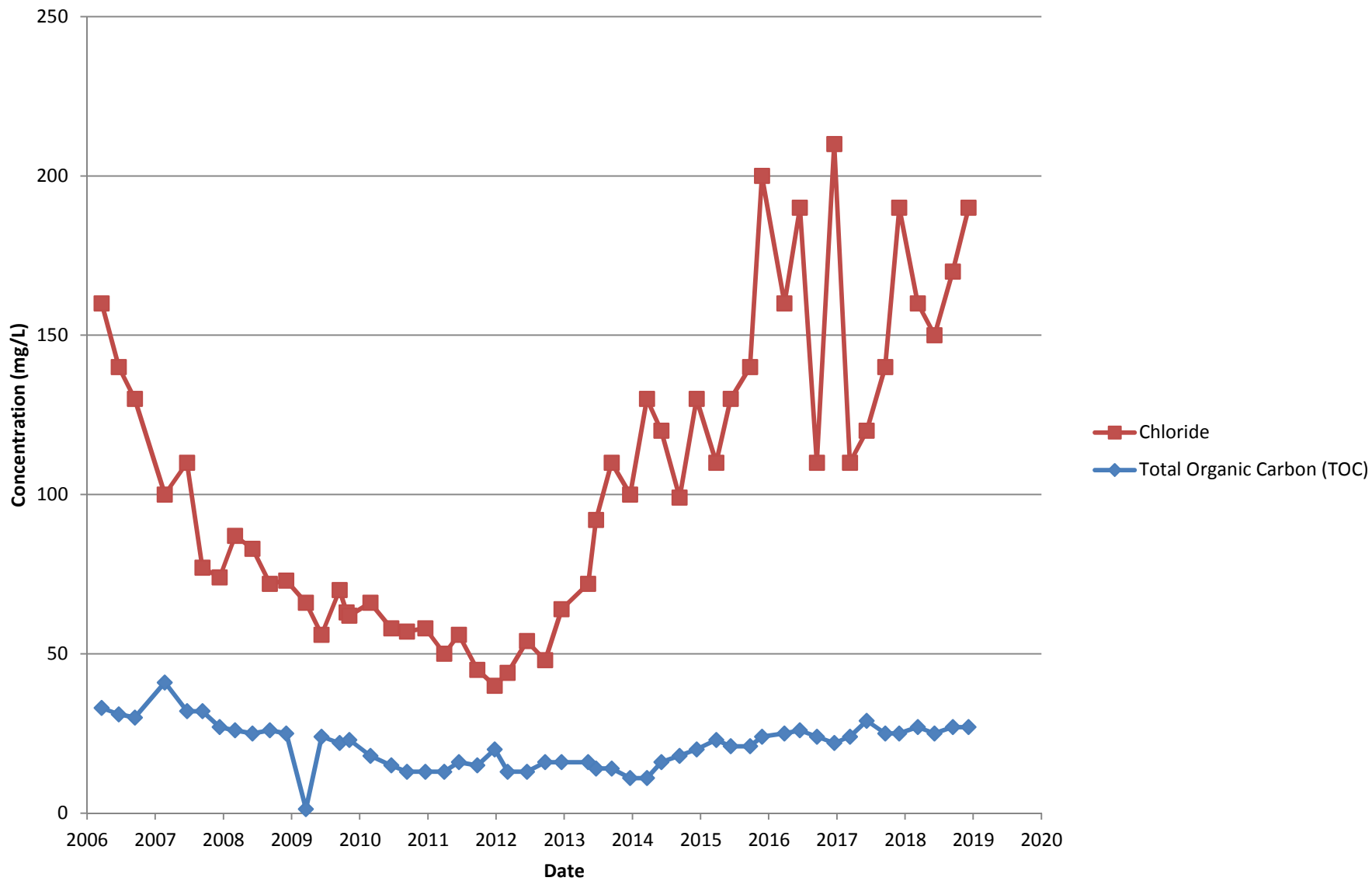
Historical Constituent Concentrations Shallow Well MW-13R



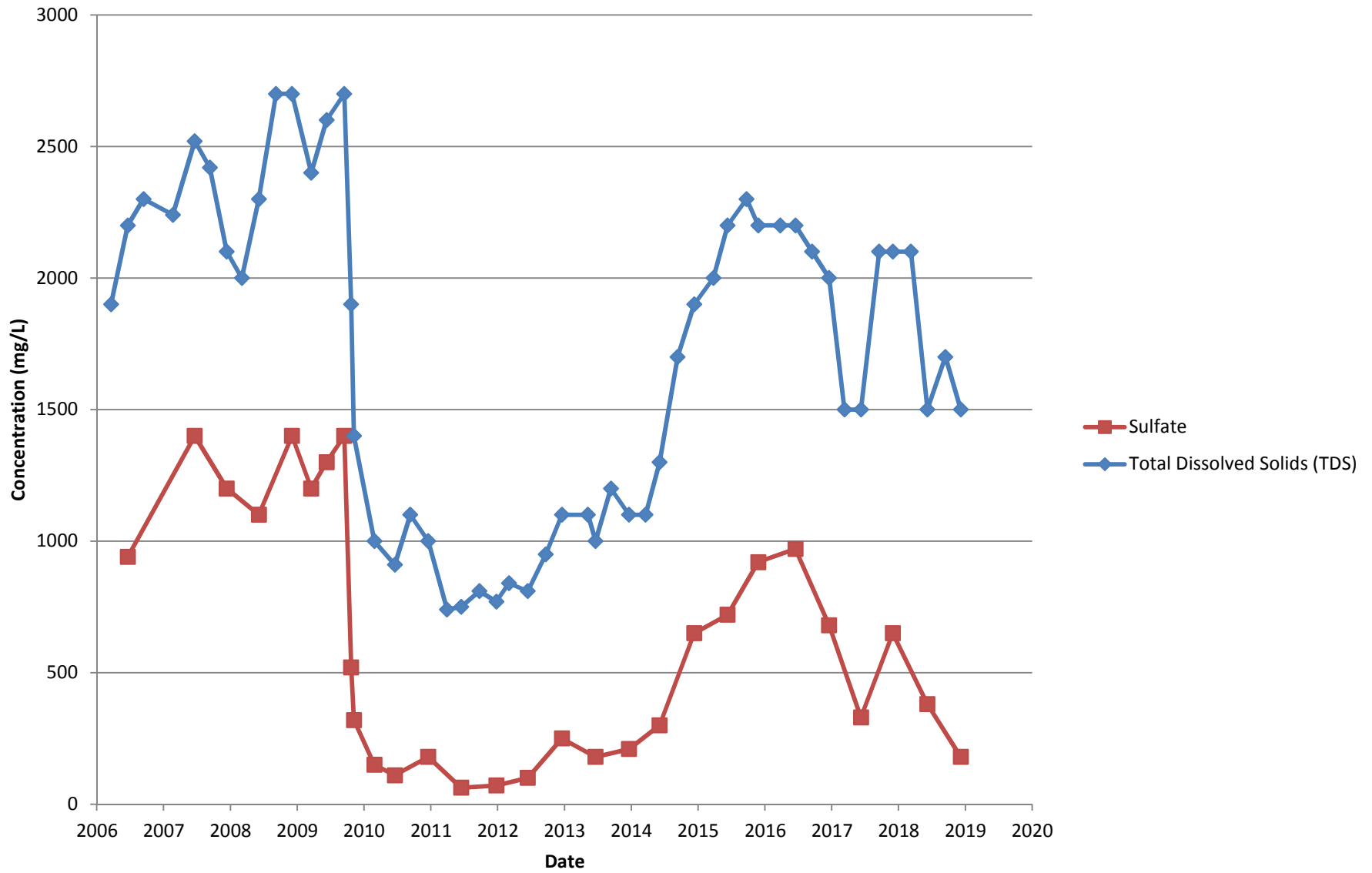
Historical Constituent Concentrations Shallow Well MW-13R



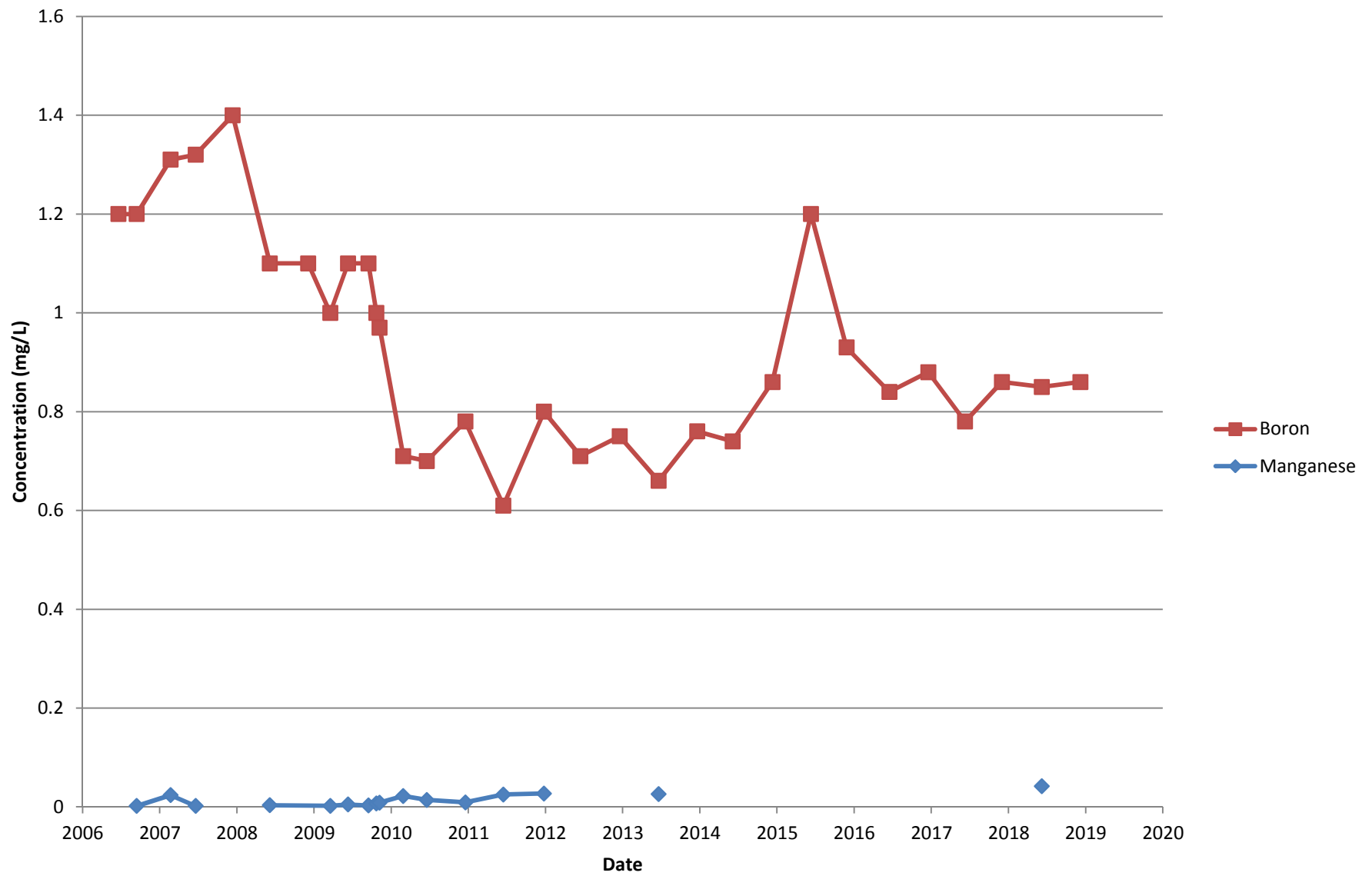
Historical Constituent Concentrations Shallow Well MW-13R



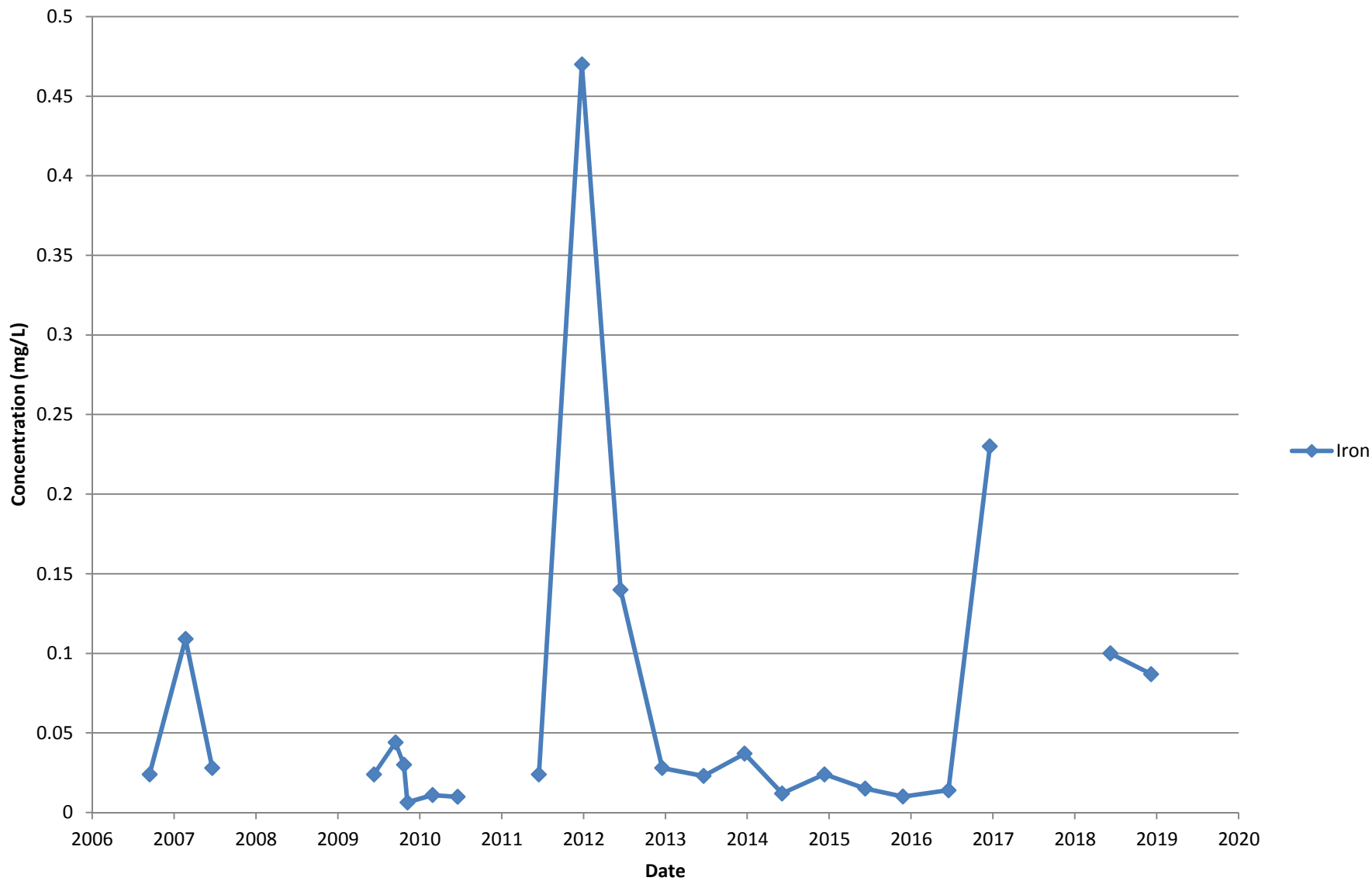
Historical Constituent Concentrations Shallow Well MW-13R



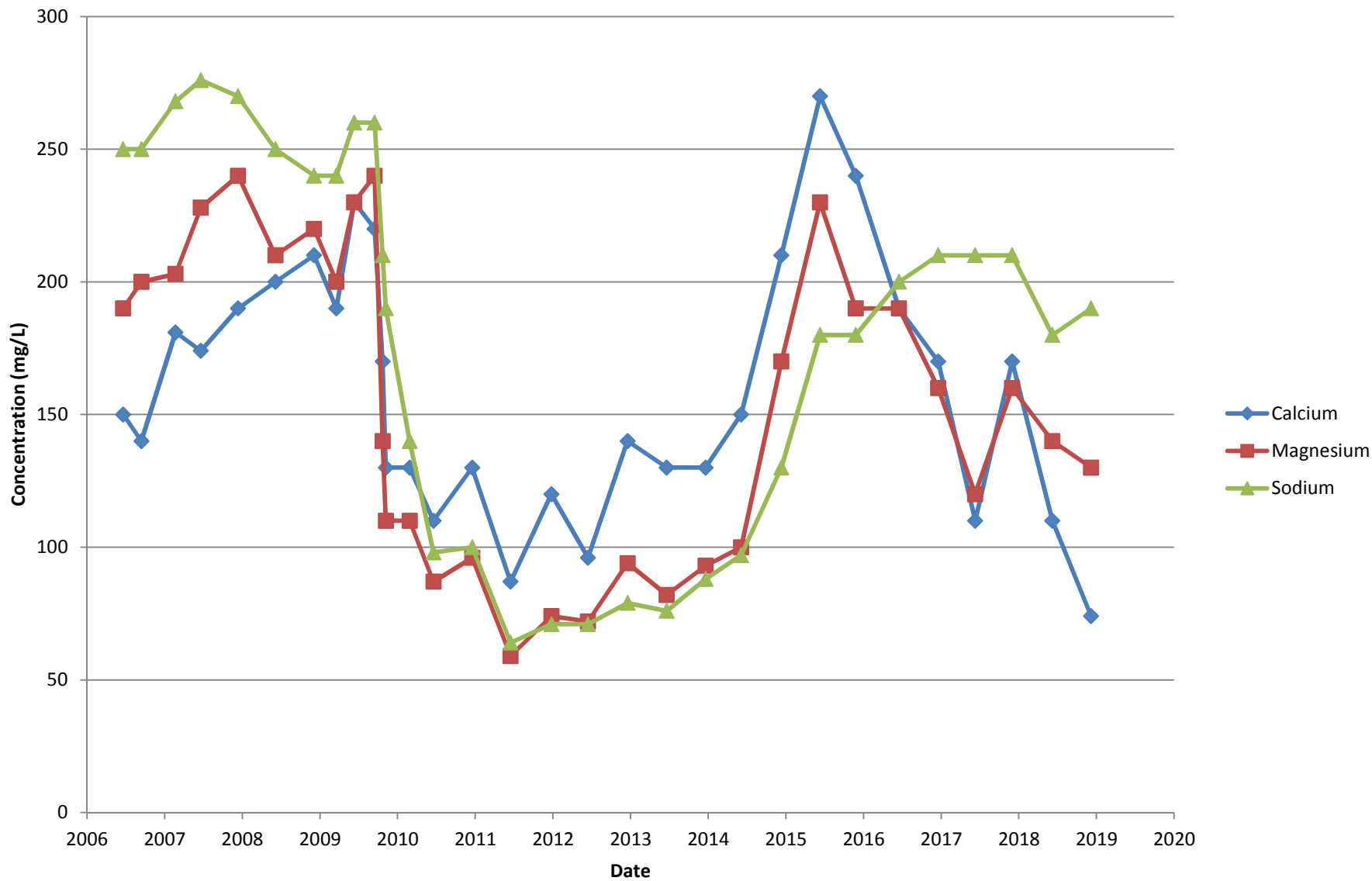
Historical Constituent Concentrations Shallow Well MW-13R



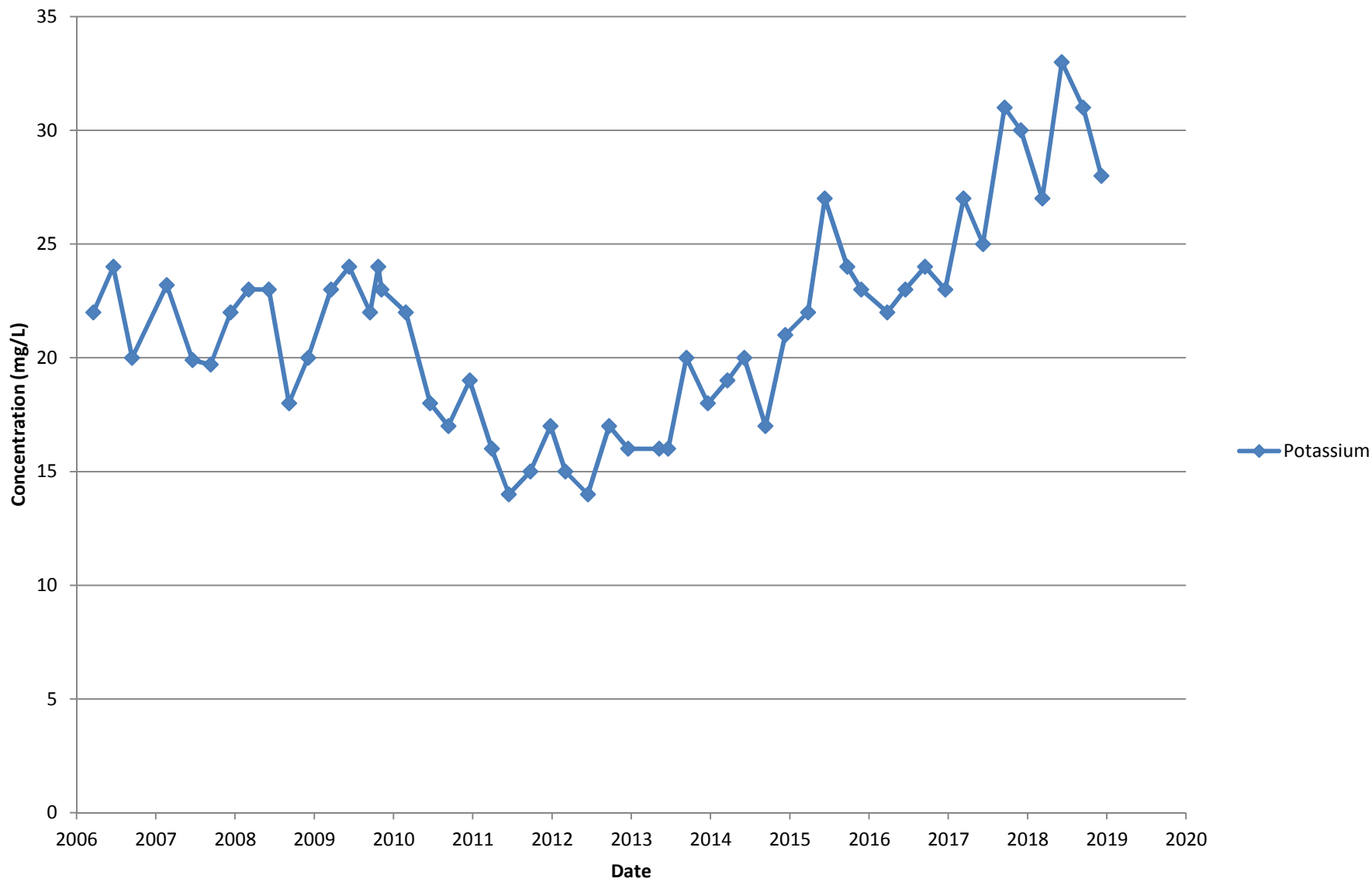
Historical Constituent Concentrations Shallow Well MW-13R



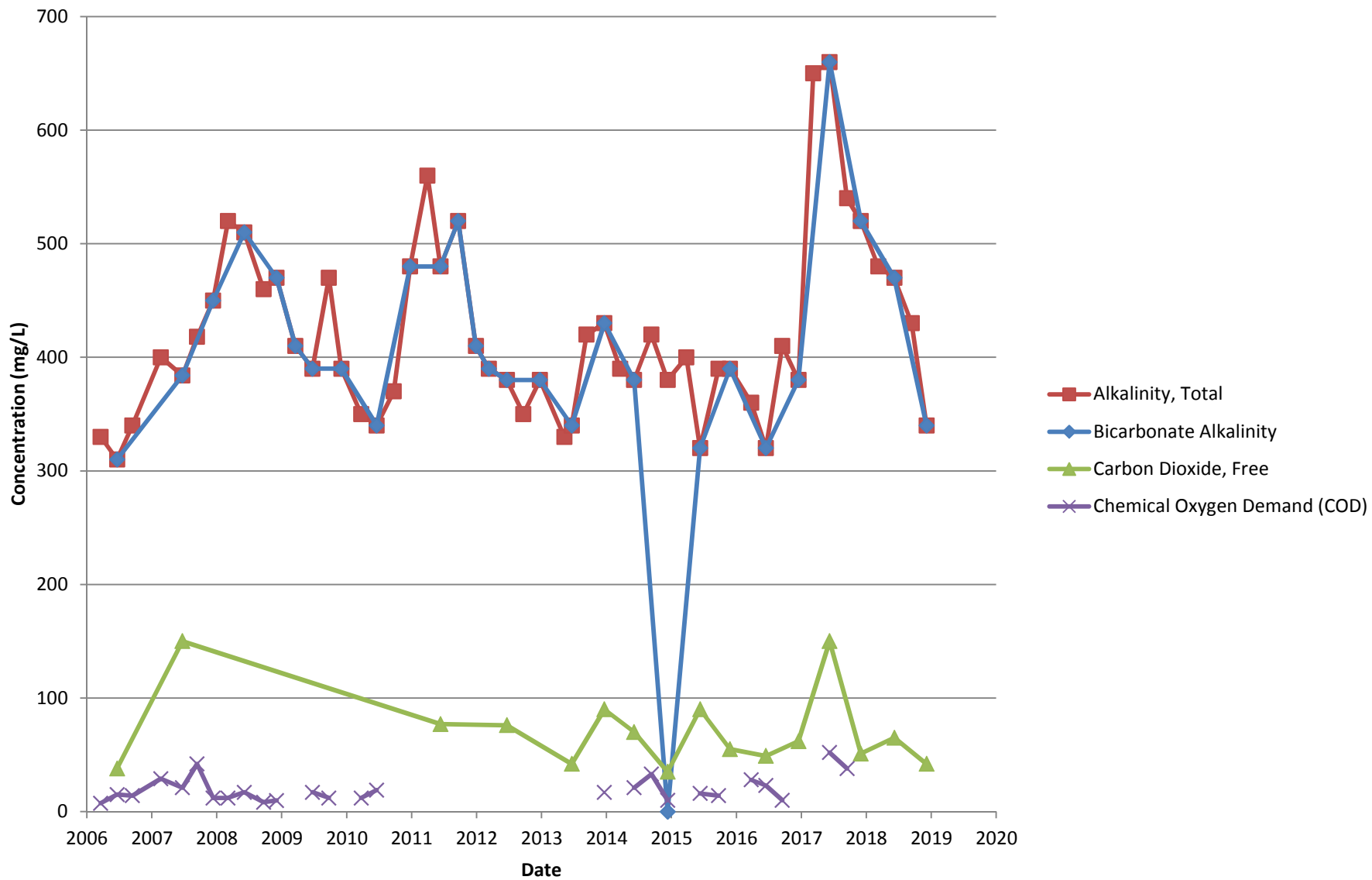
Historical Constituent Concentrations Shallow Well MW-13R



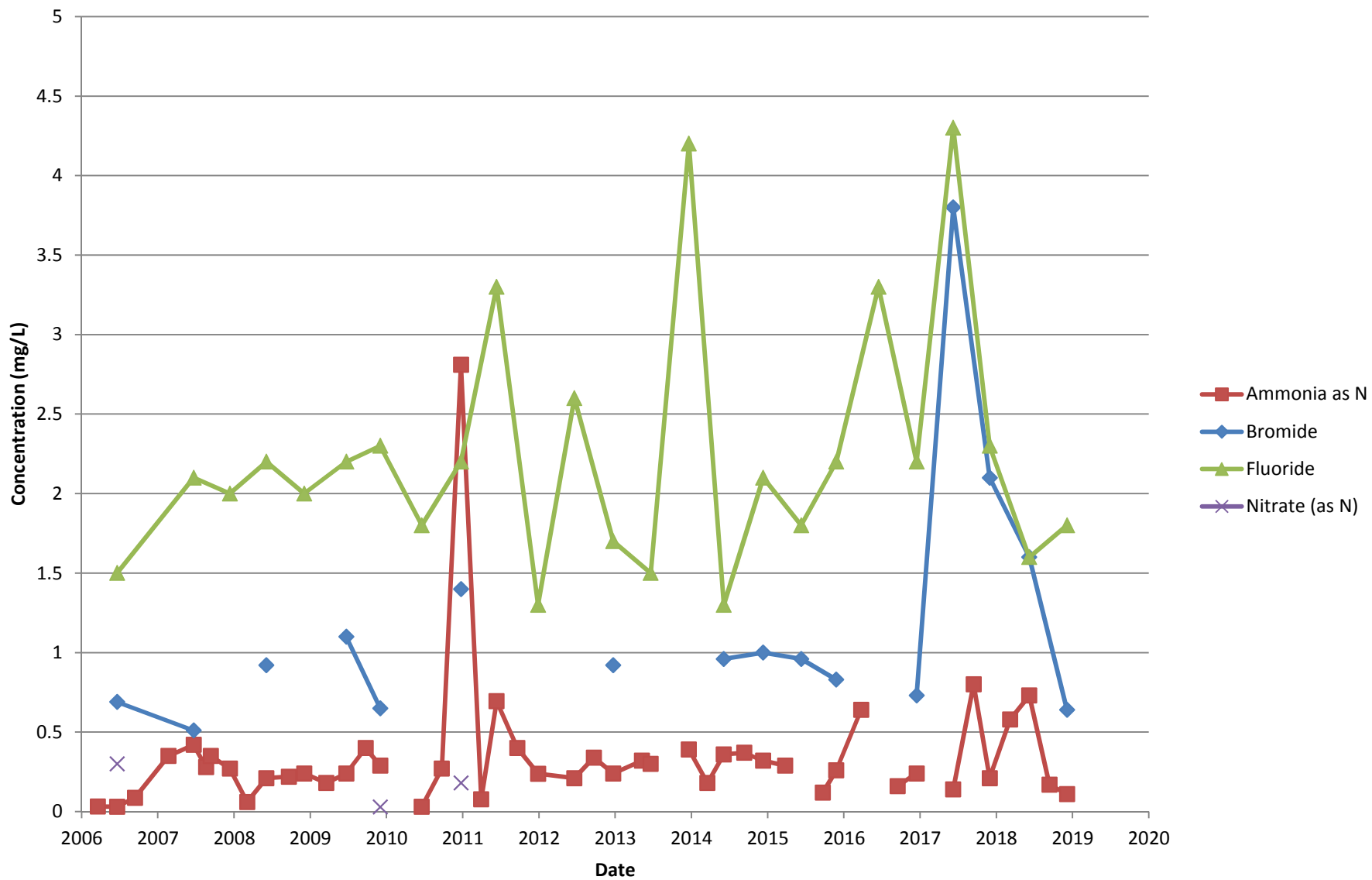
Historical Constituent Concentrations Shallow Well MW-13R



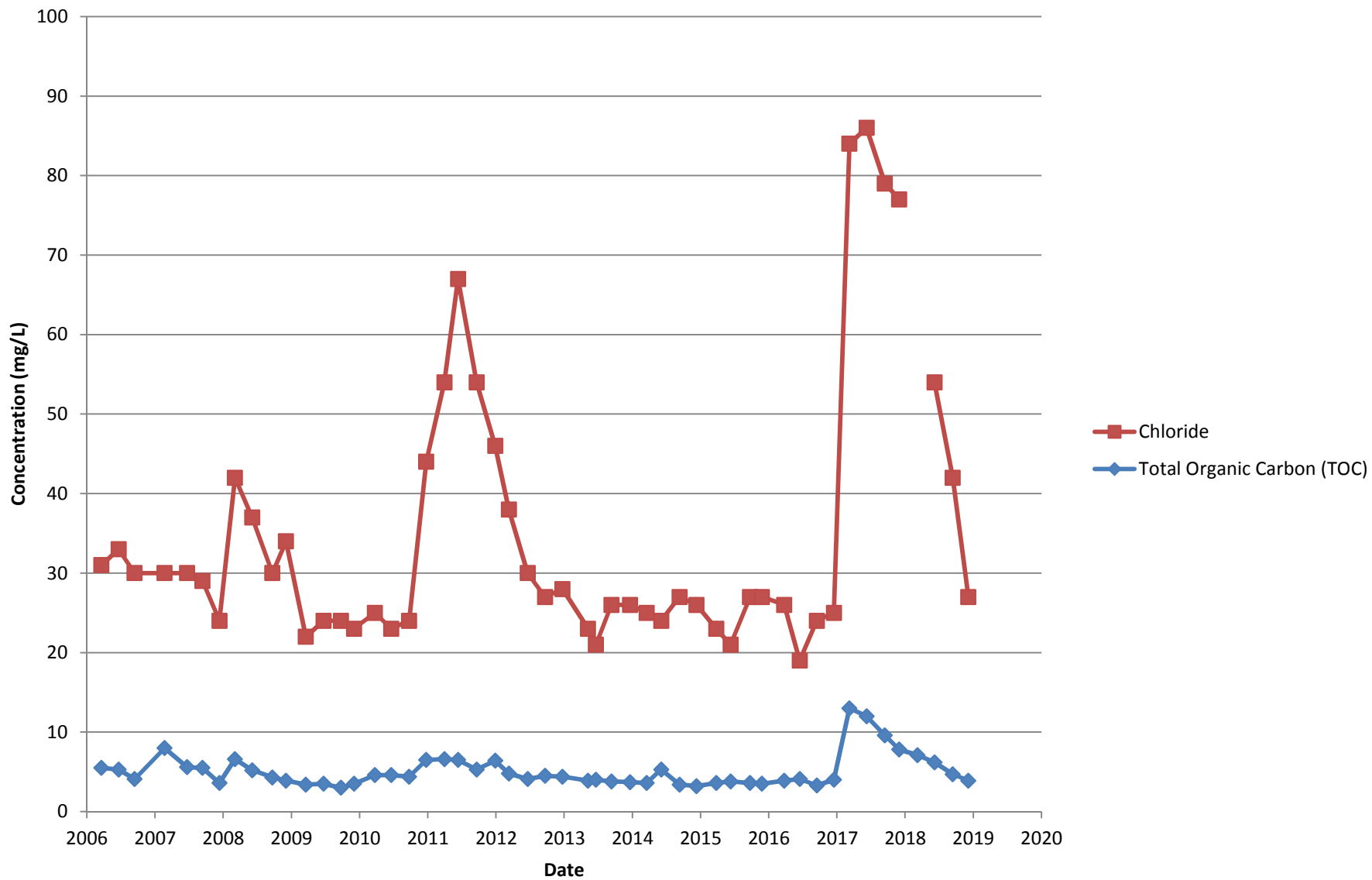
Historical Constituent Concentrations Shallow Well MW-14



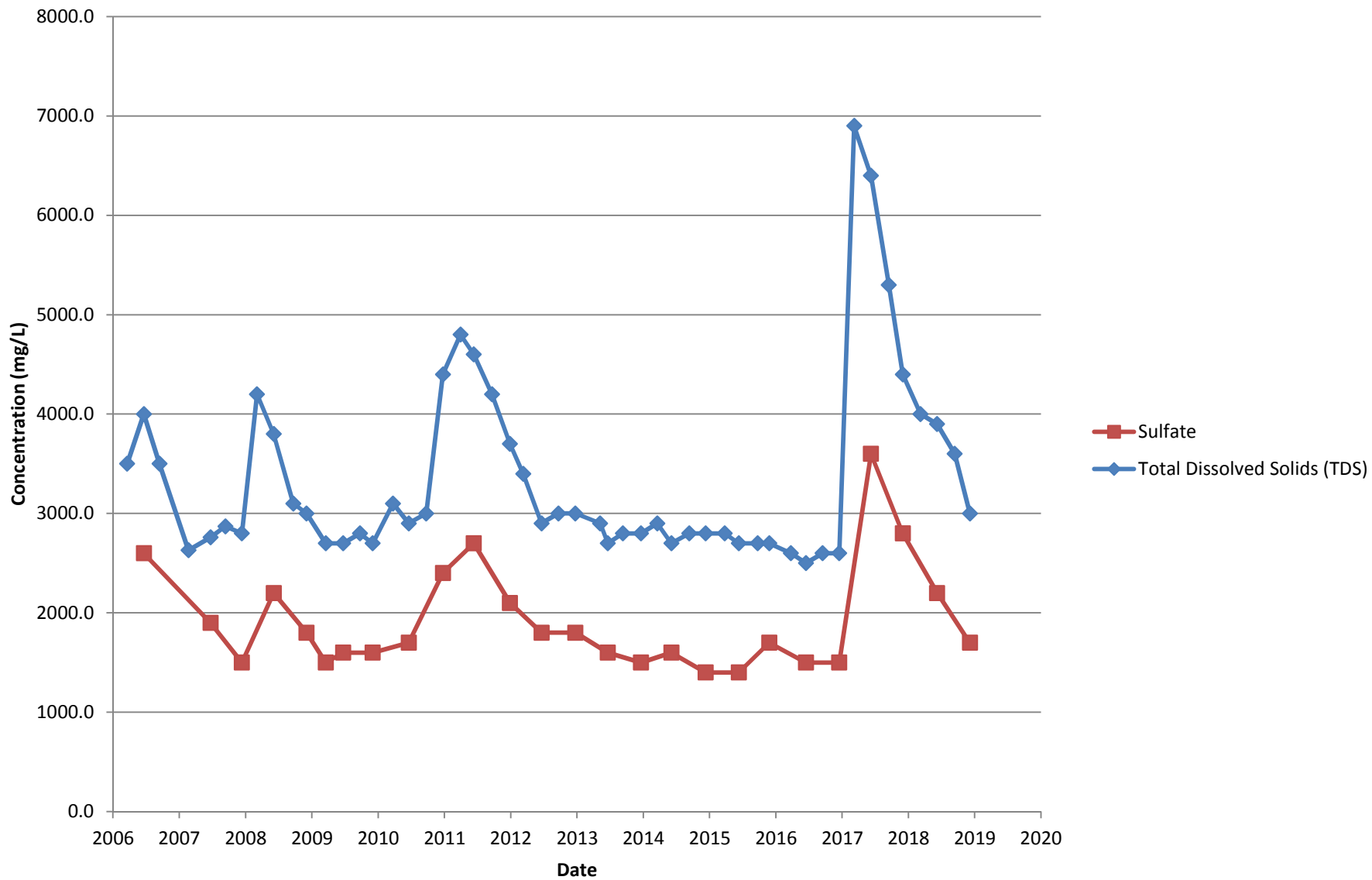
Historical Constituent Concentrations Shallow Well MW-14



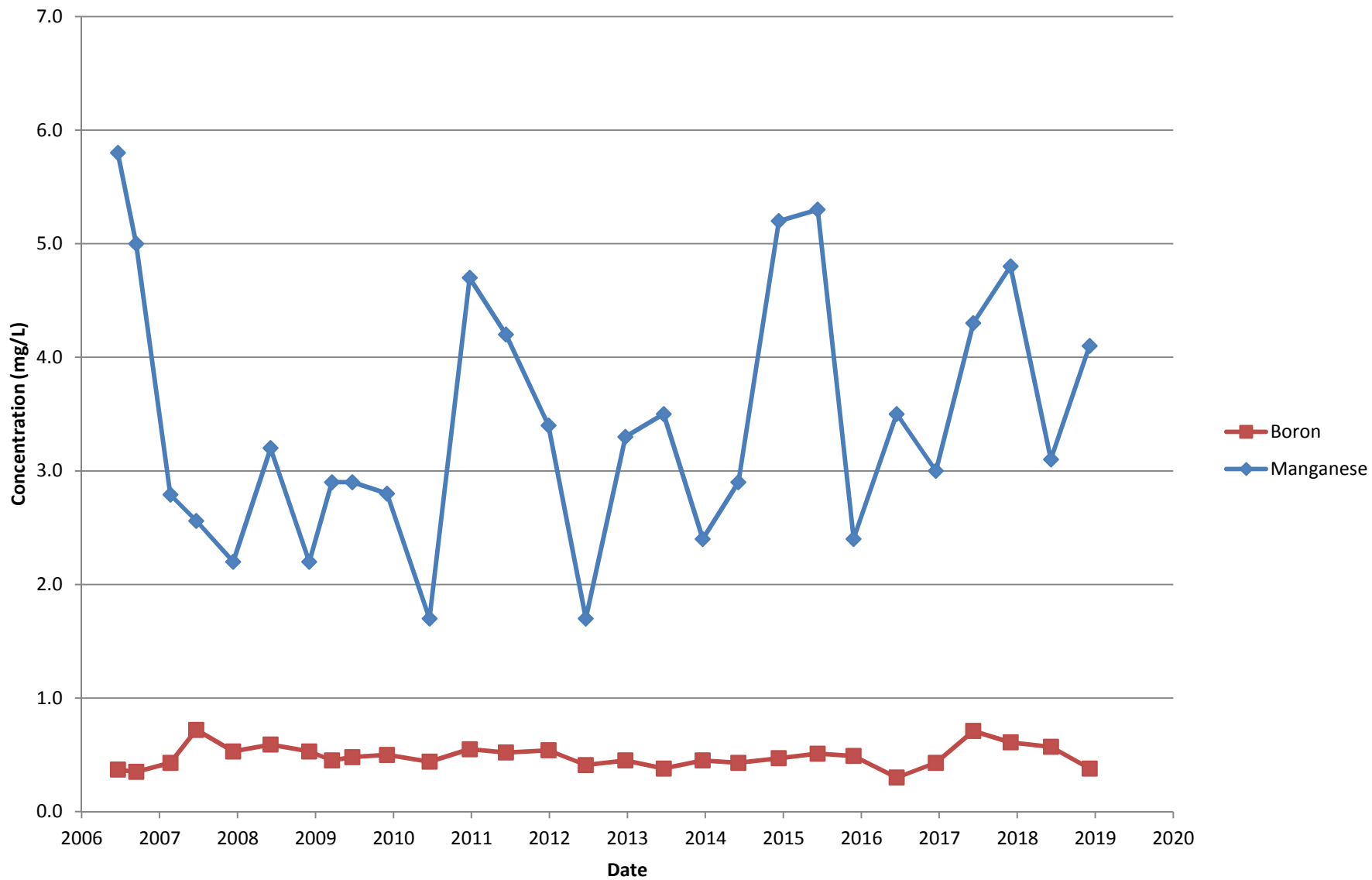
Historical Constituent Concentrations Shallow Well MW-14



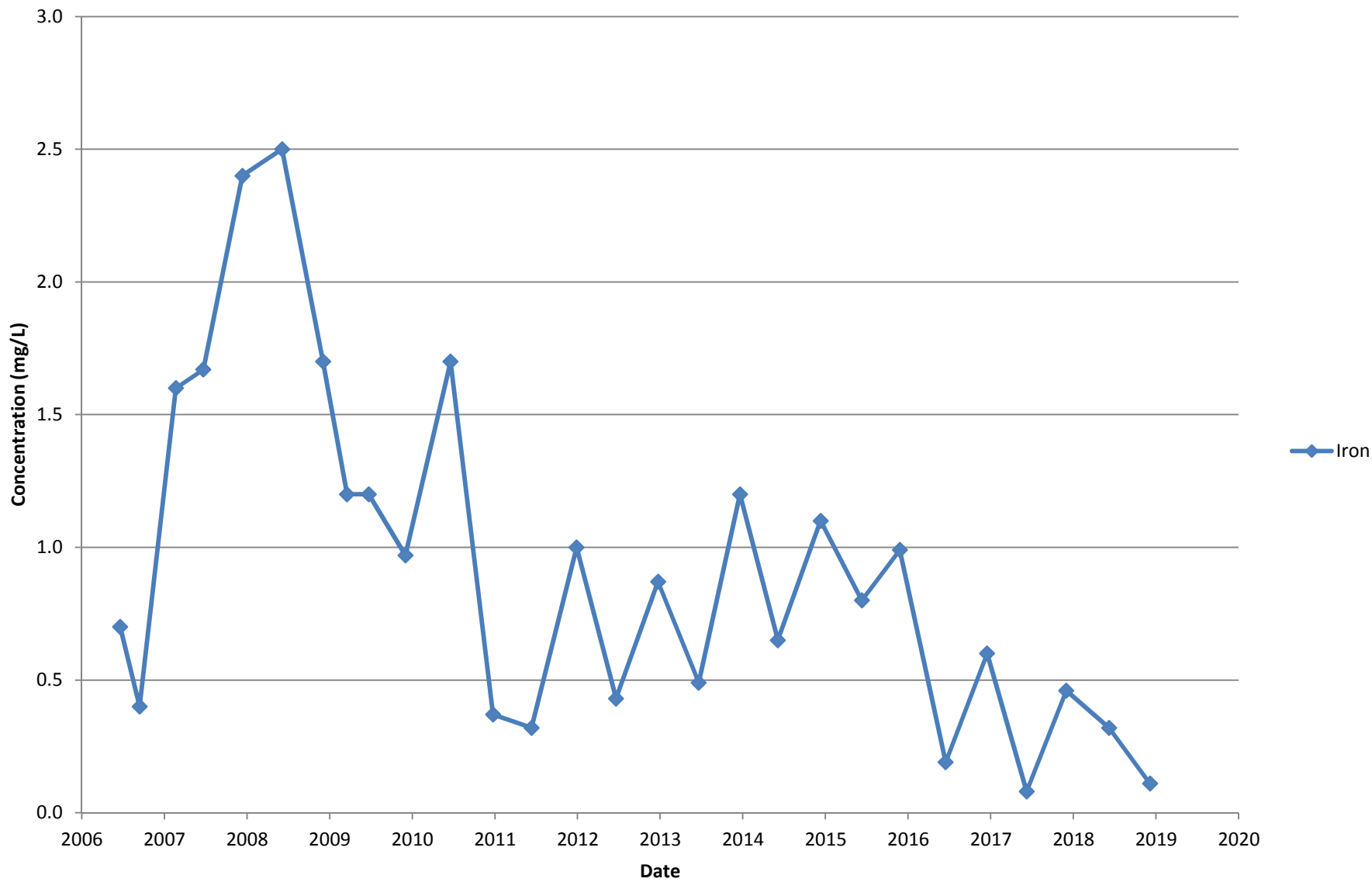
Historical Constituent Concentrations Shallow Well MW-14



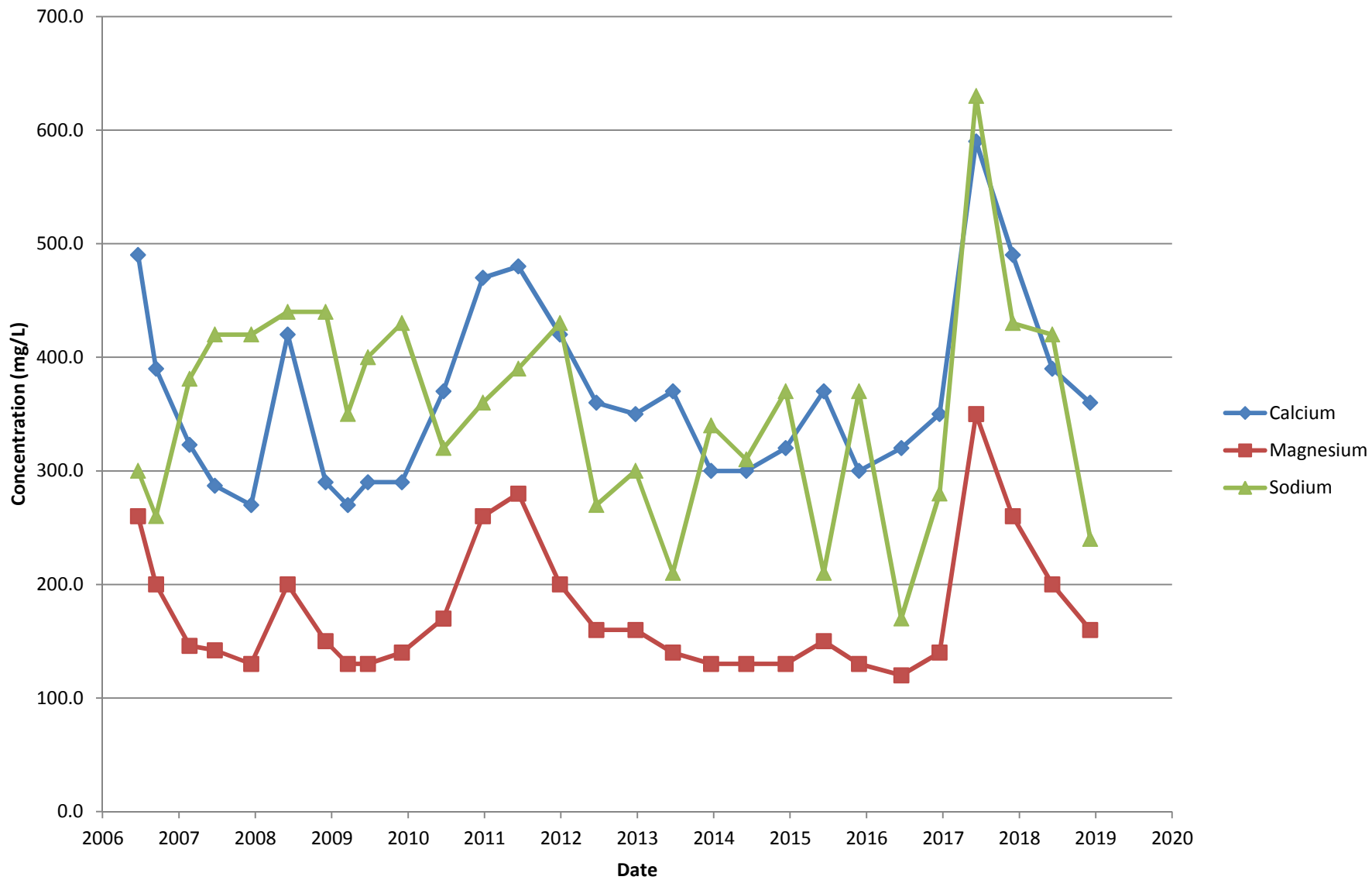
Historical Constituent Concentrations Shallow Well MW-14



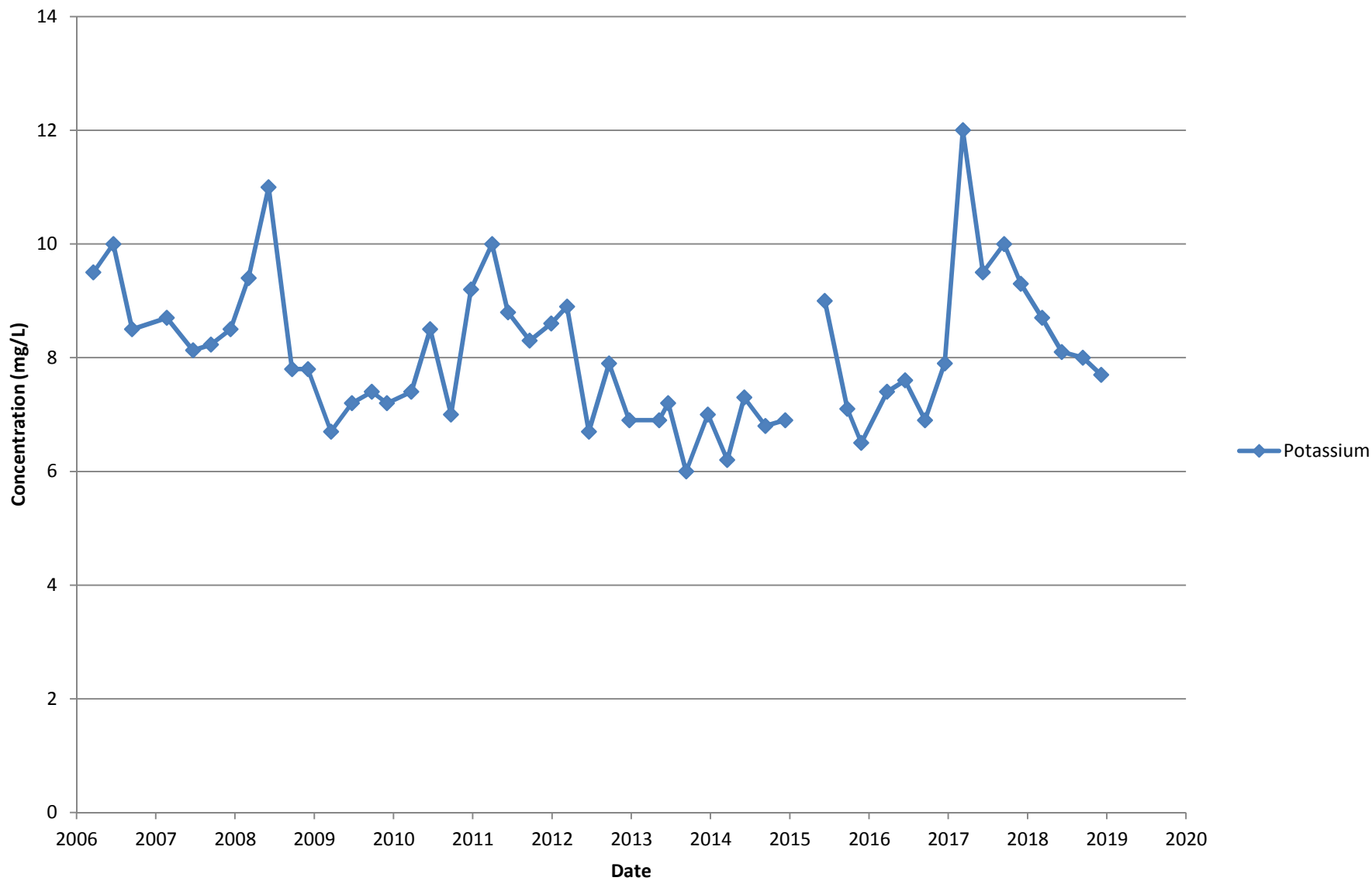
Historical Constituent Concentrations Shallow Well MW-14



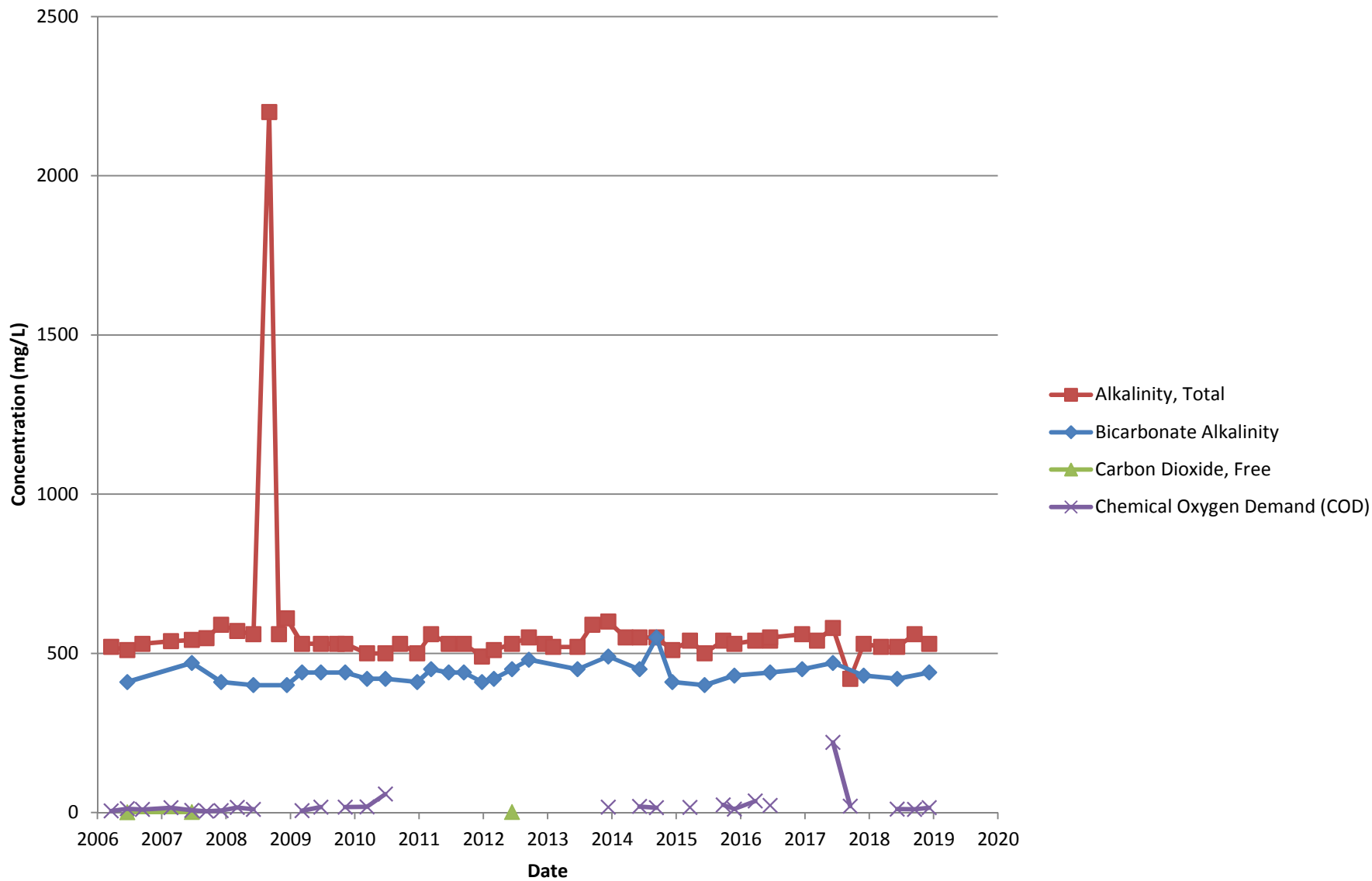
Historical Constituent Concentrations Shallow Well MW-14



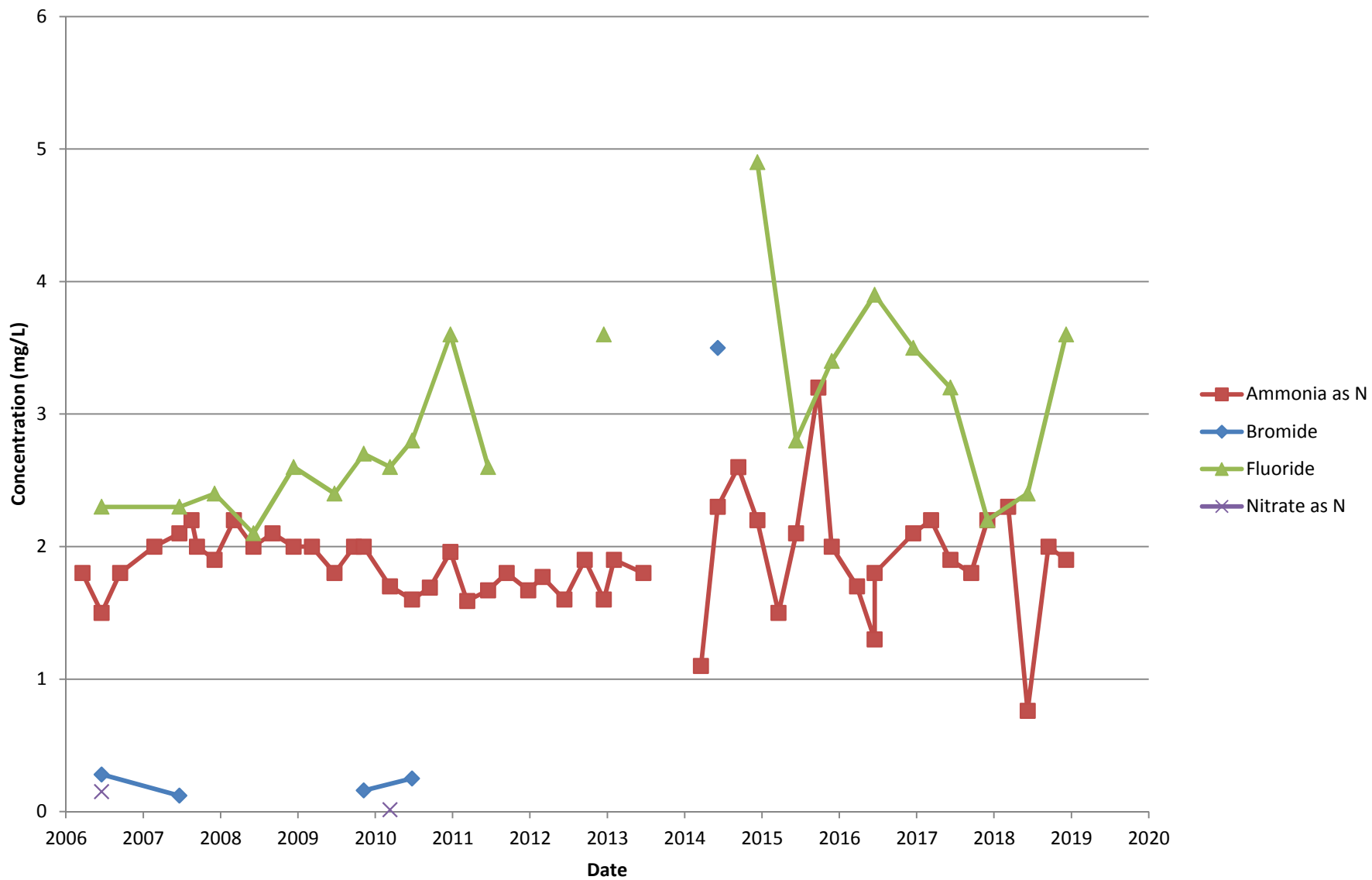
Historical Constituent Concentrations Shallow Well MW-14



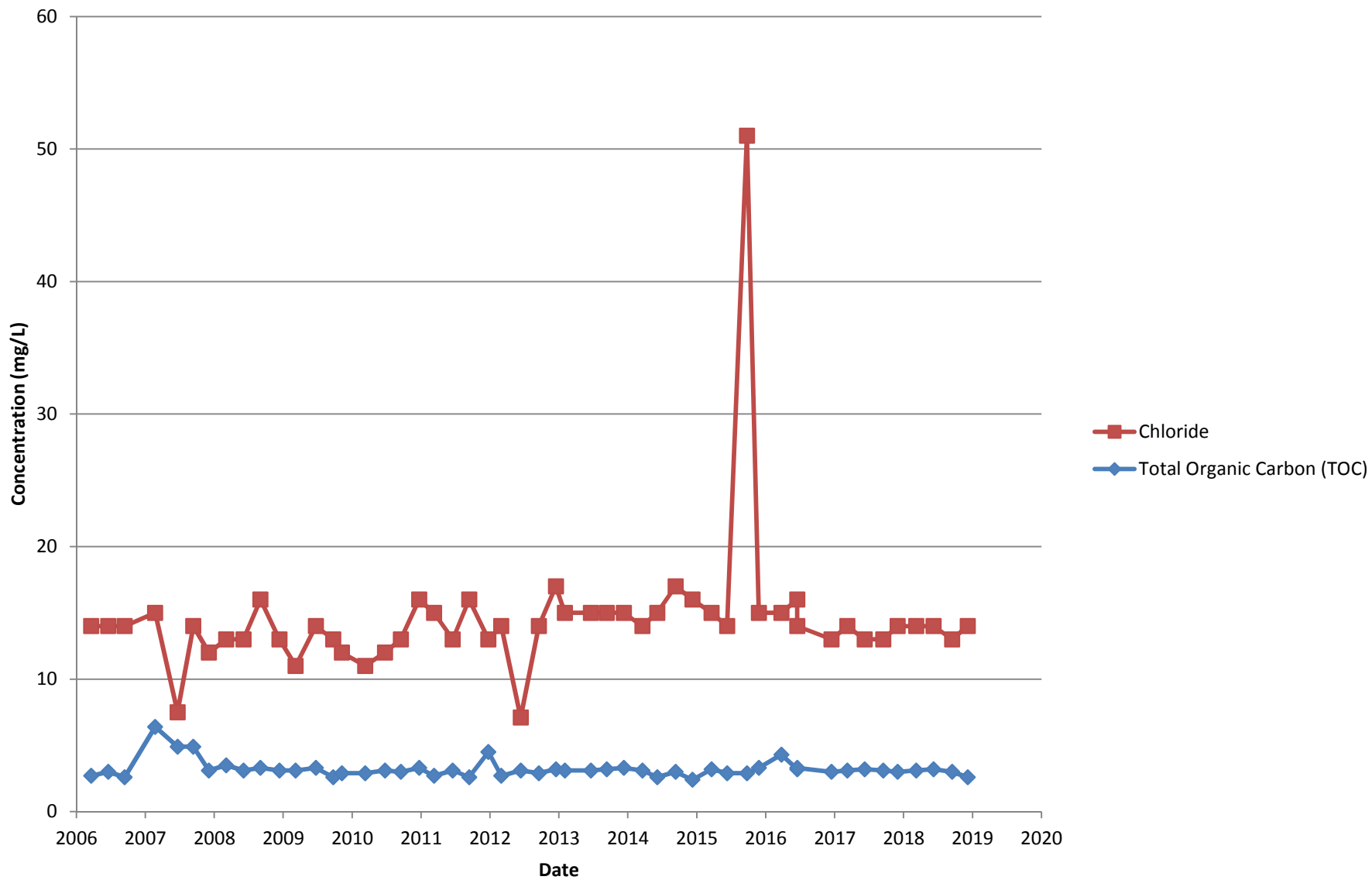
Historical Constituent Concentrations Deep Well DW-1



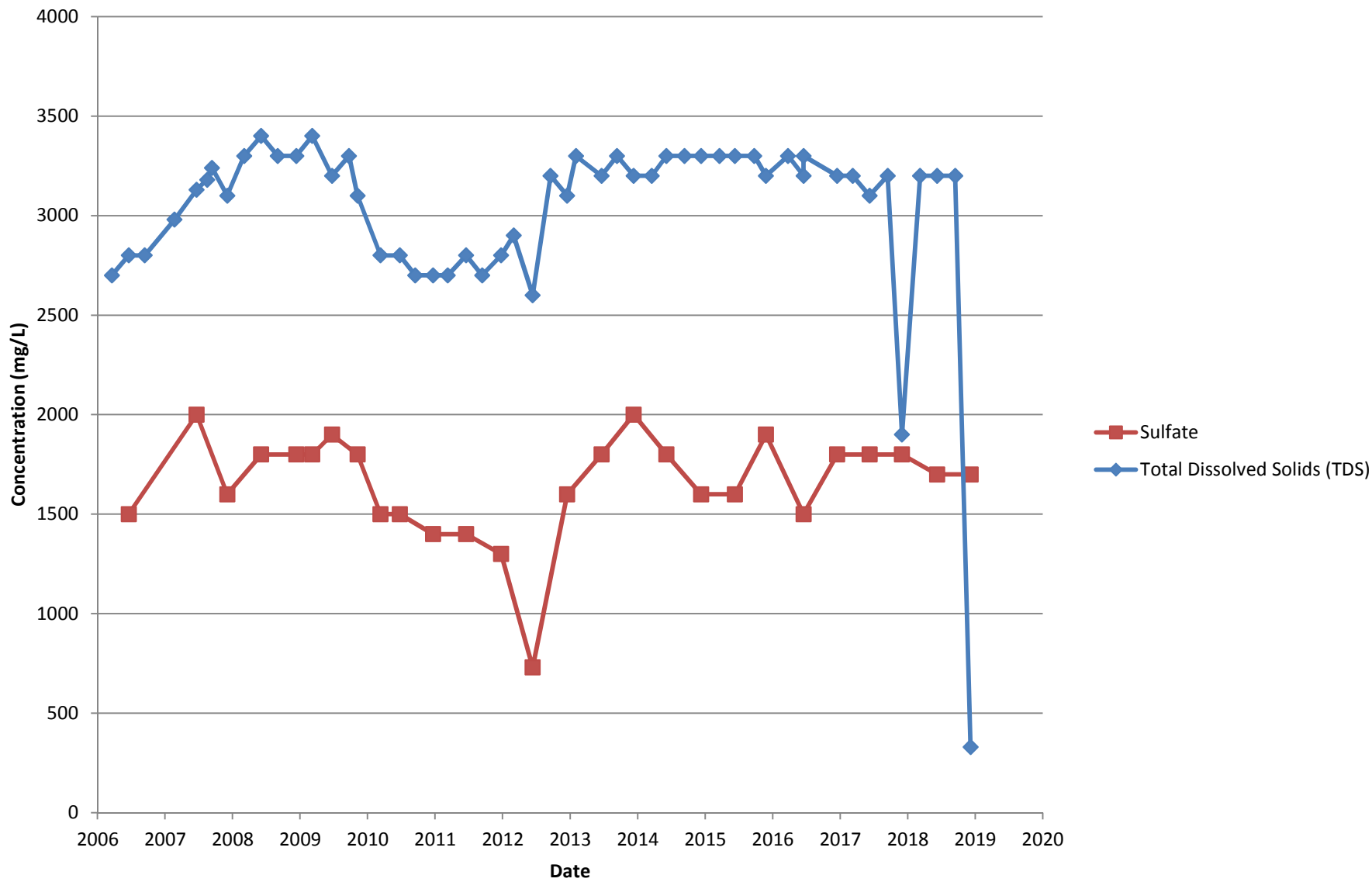
Historical Constituent Concentrations Deep Well DW-1



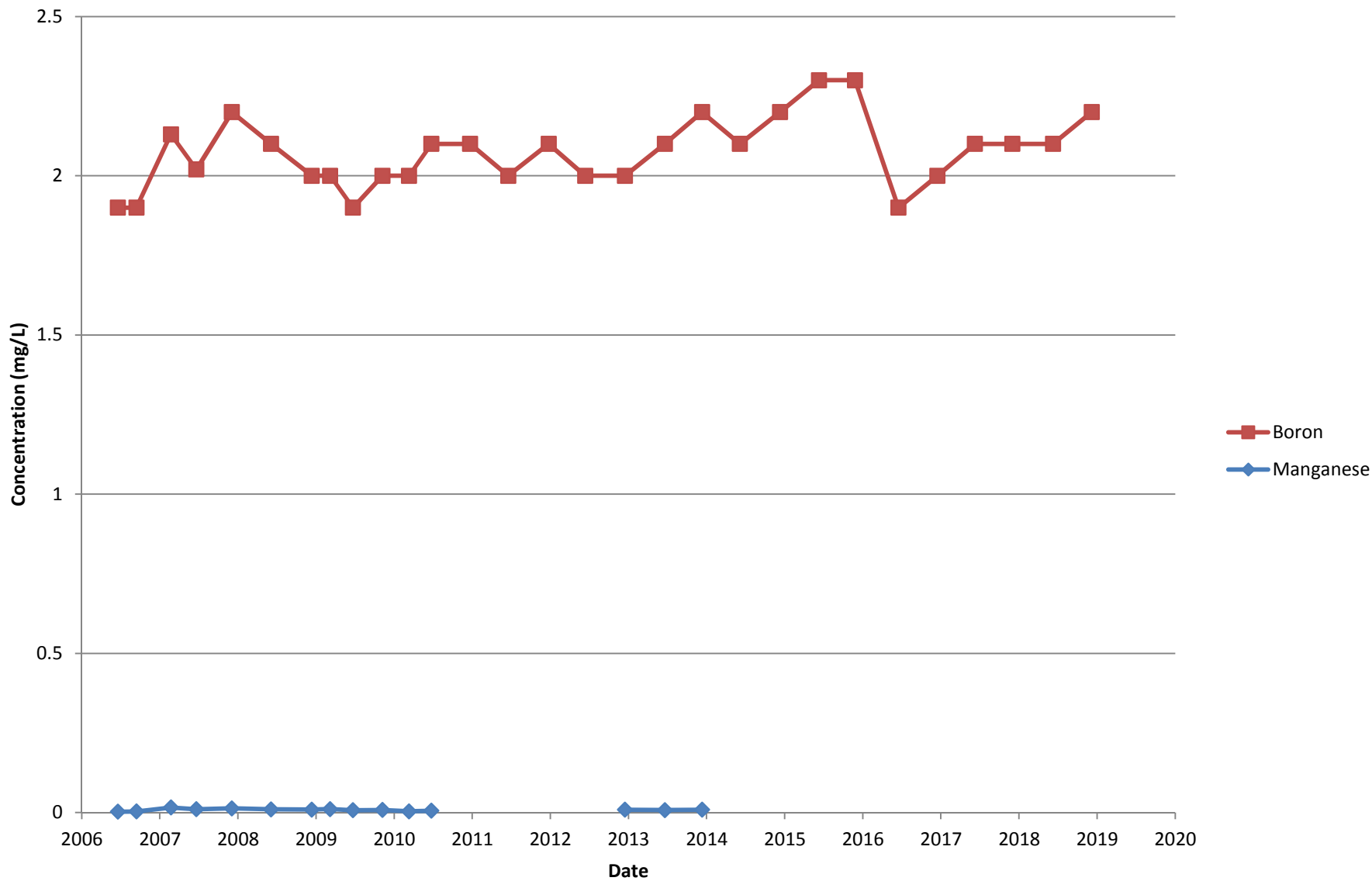
Historical Constituent Concentrations Deep Well DW-1



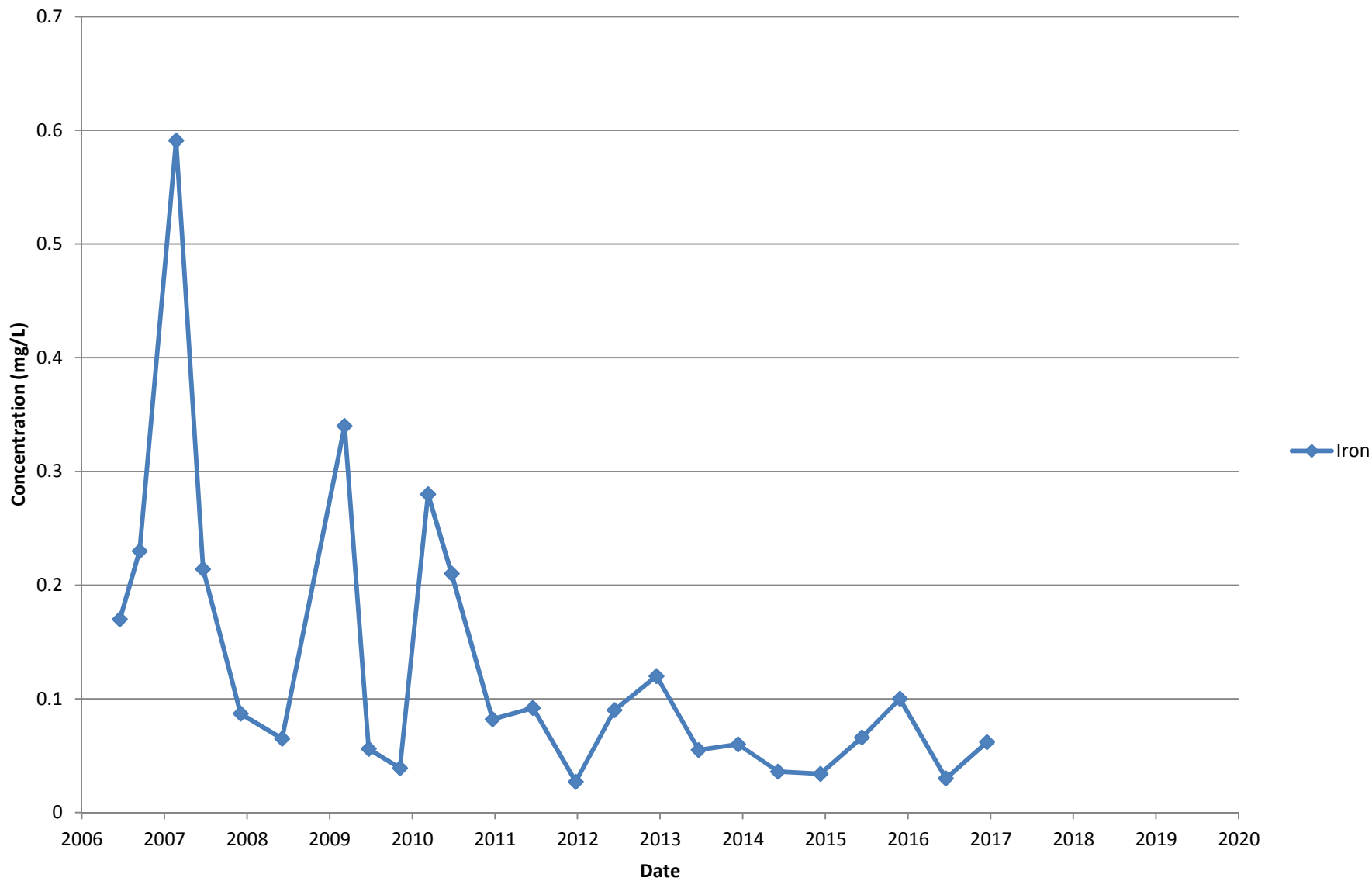
Historical Constituent Concentrations Deep Well DW-1



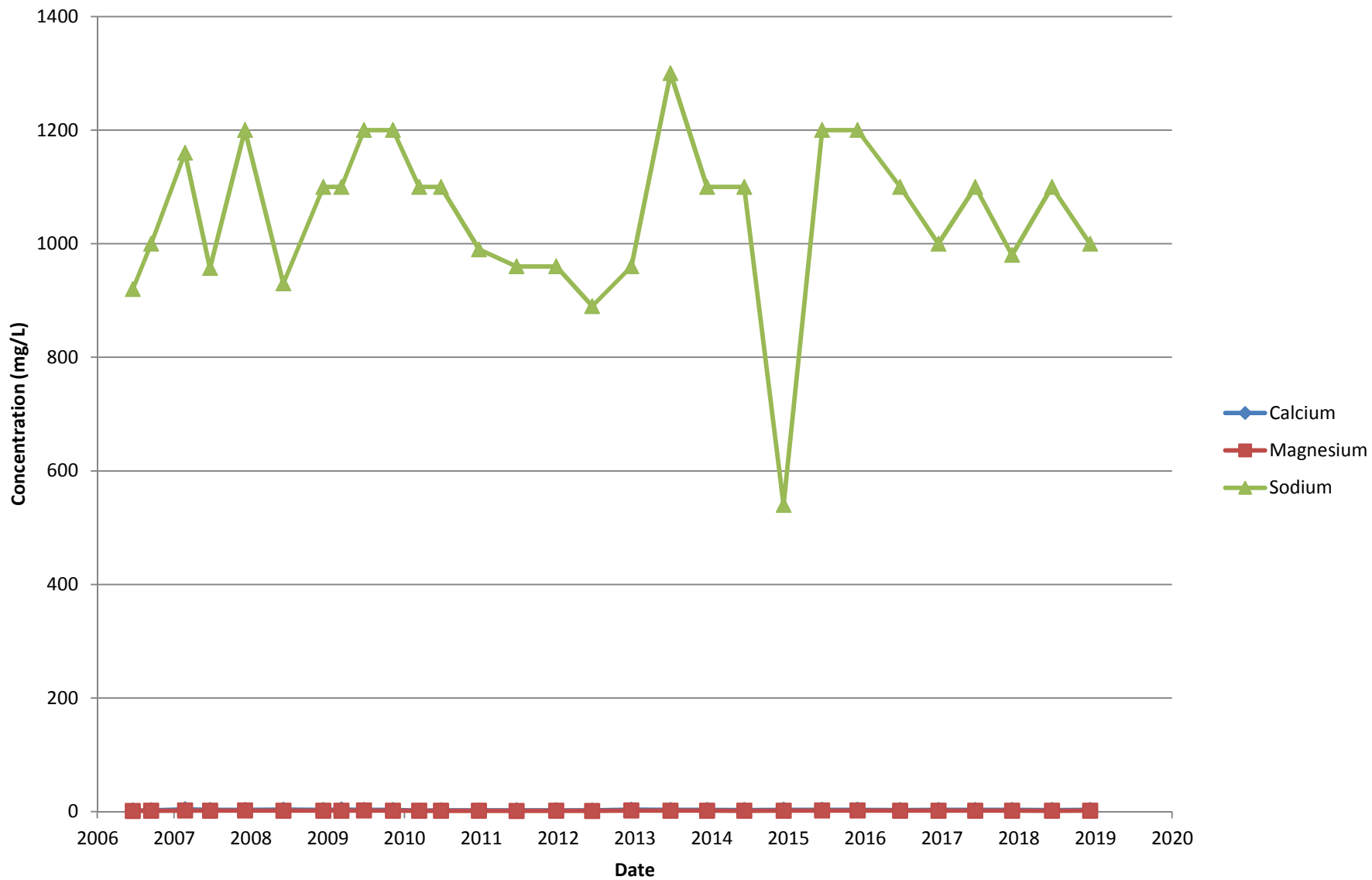
Historical Constituent Concentrations Deep Well DW-1



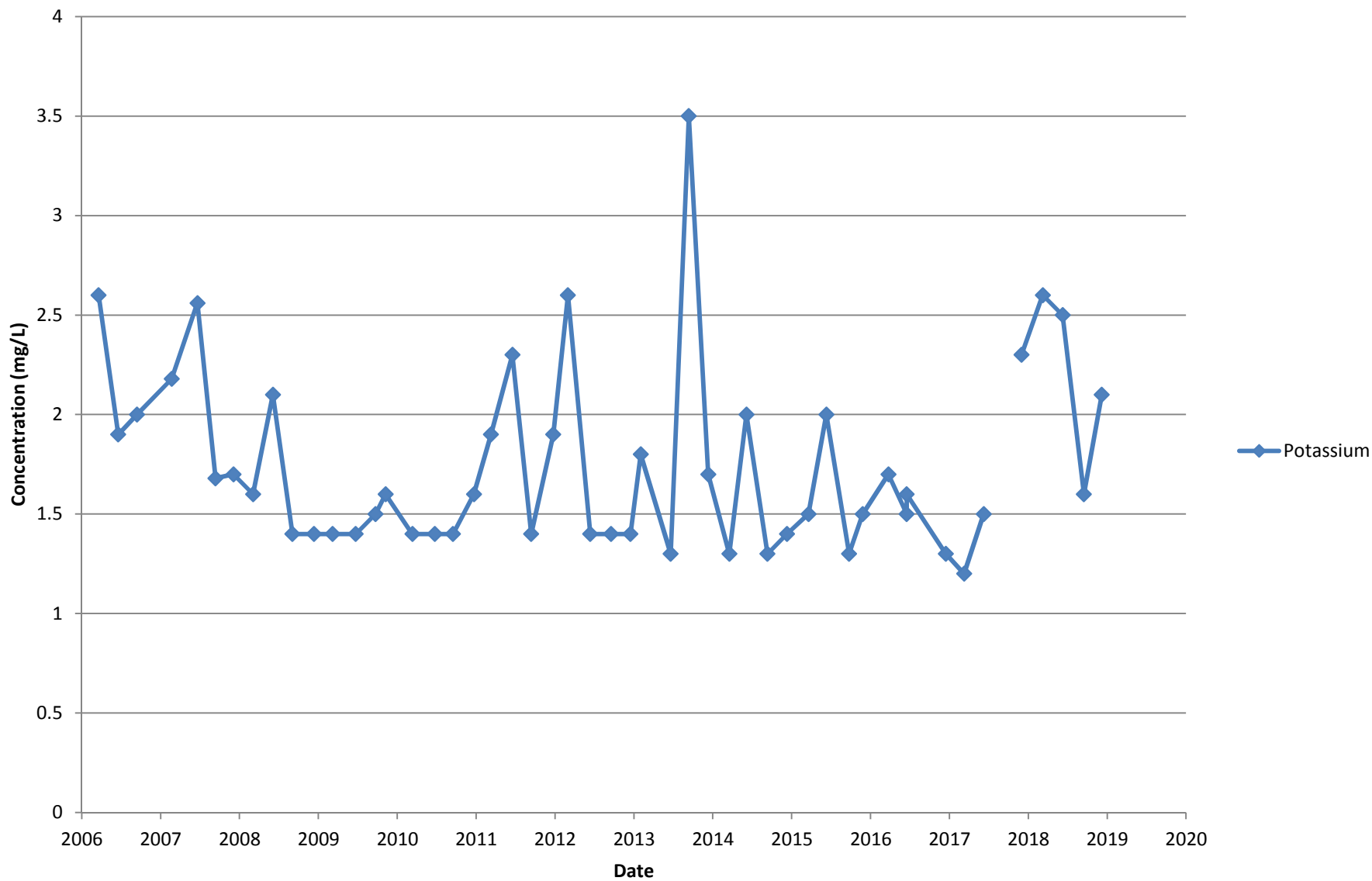
Historical Constituent Concentrations Deep Well DW-1



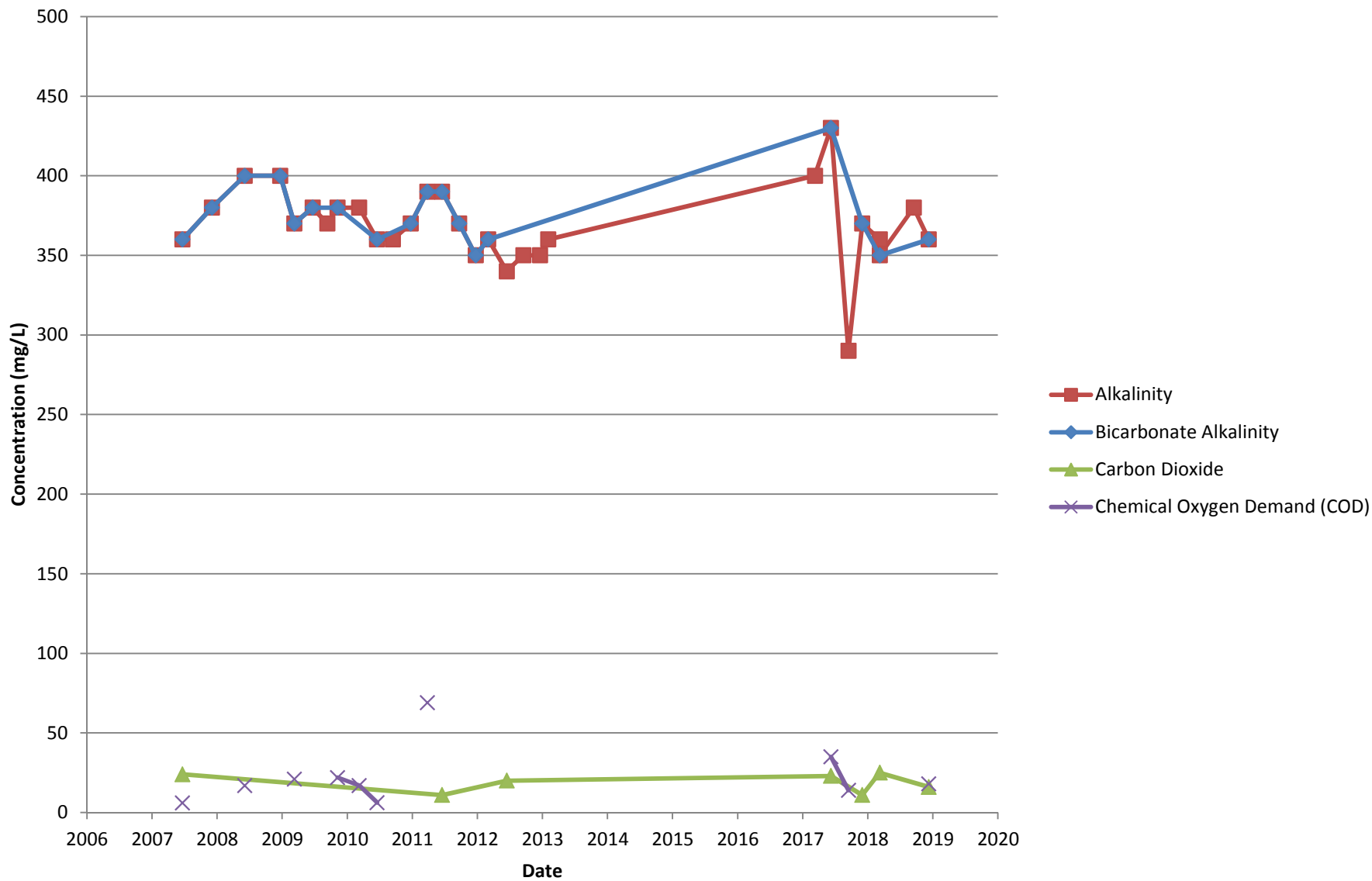
Historical Constituent Concentrations Deep Well DW-1



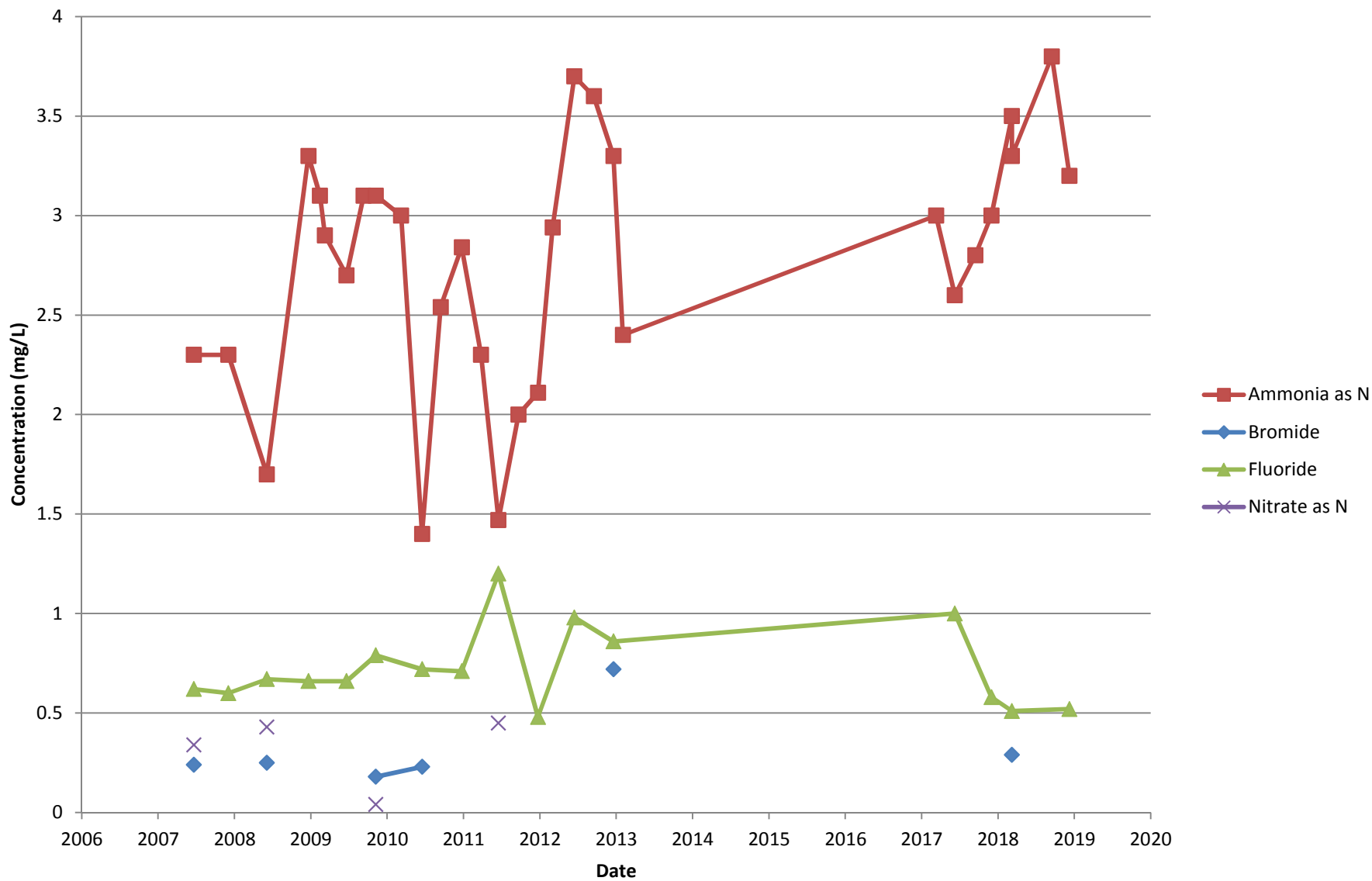
Historical Constituent Concentrations Deep Well DW-1



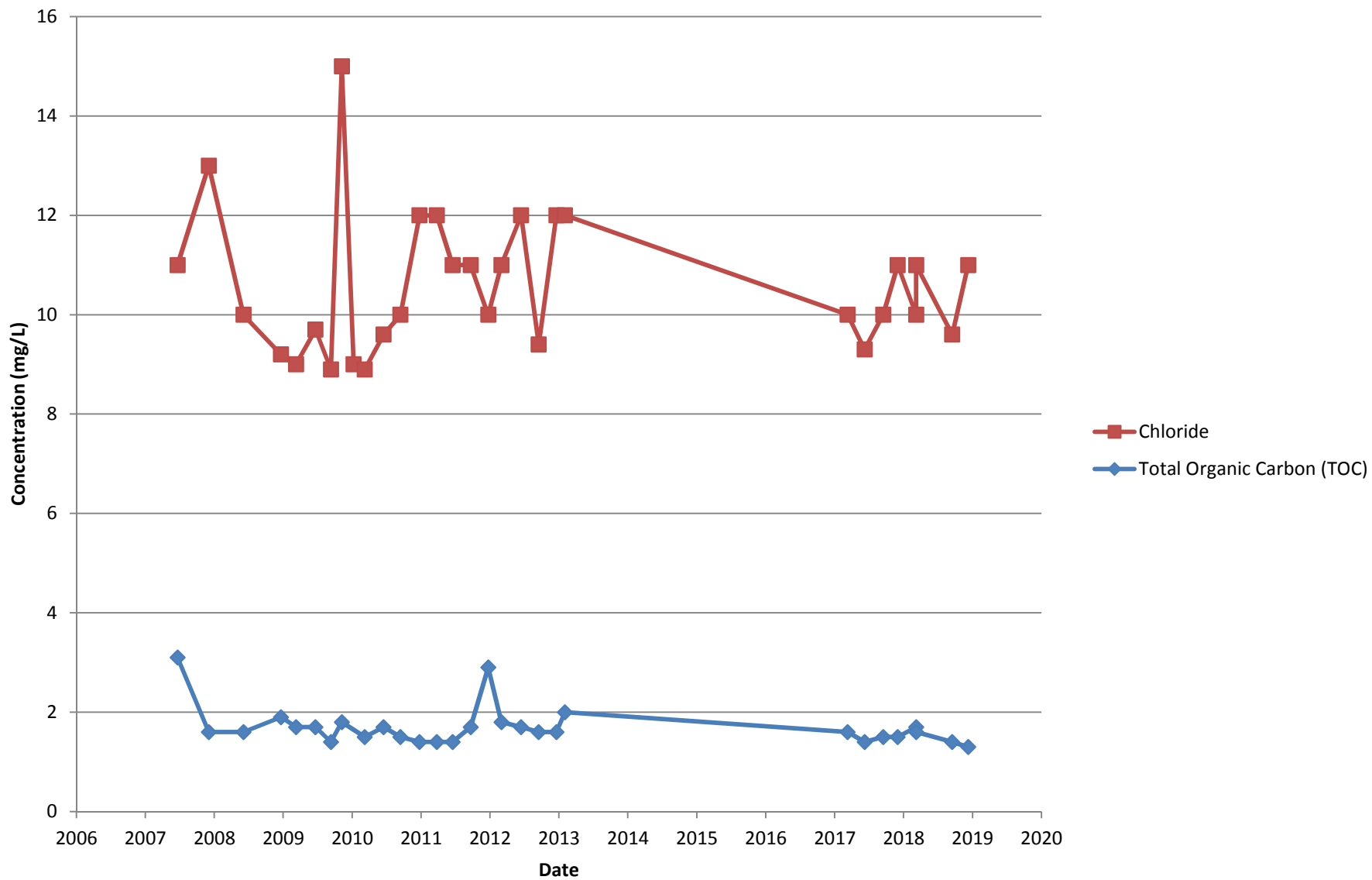
Historical Constituent Concentrations Deep Well DW-2



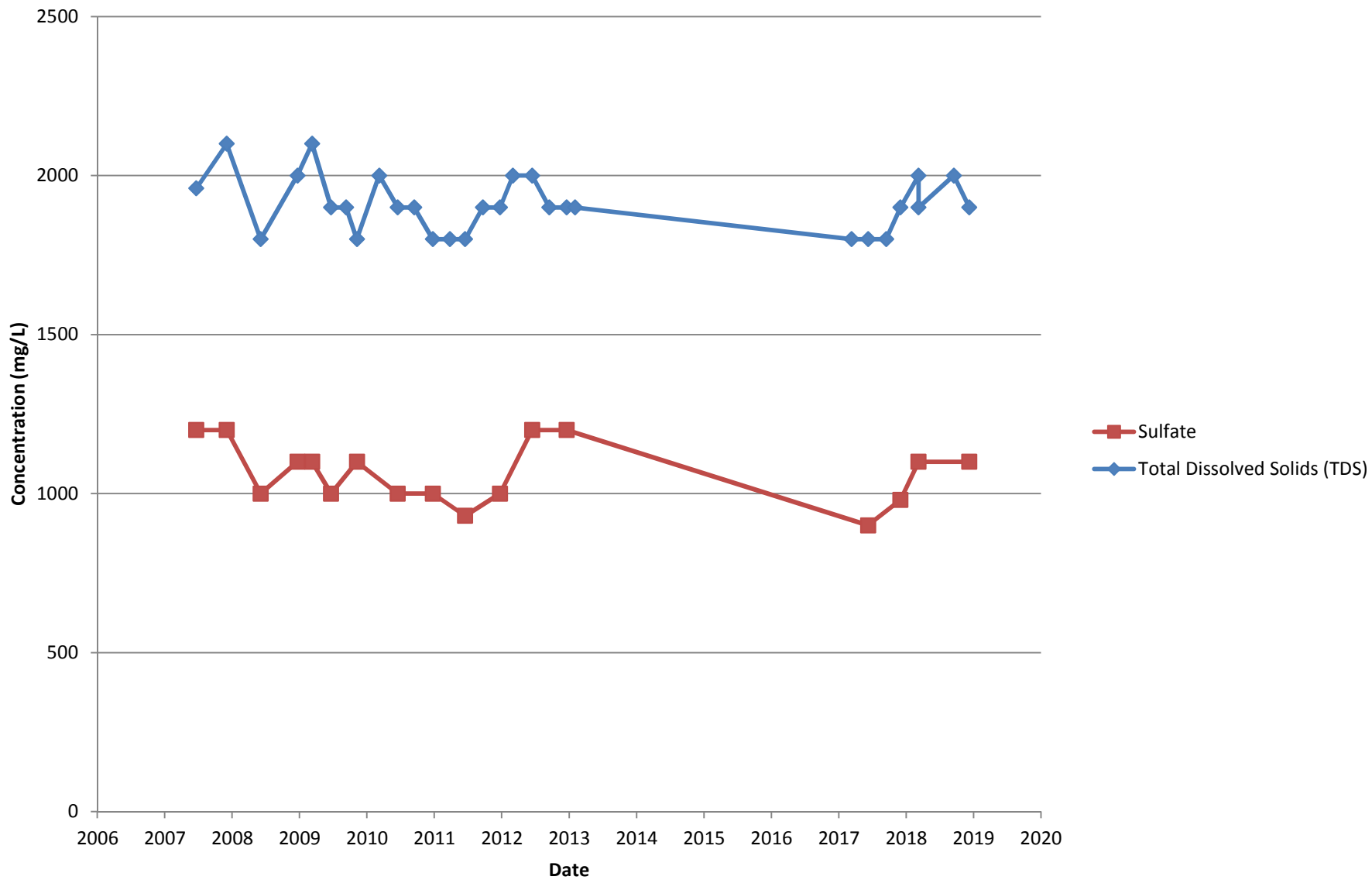
Historical Constituent Concentrations Deep Well DW-2



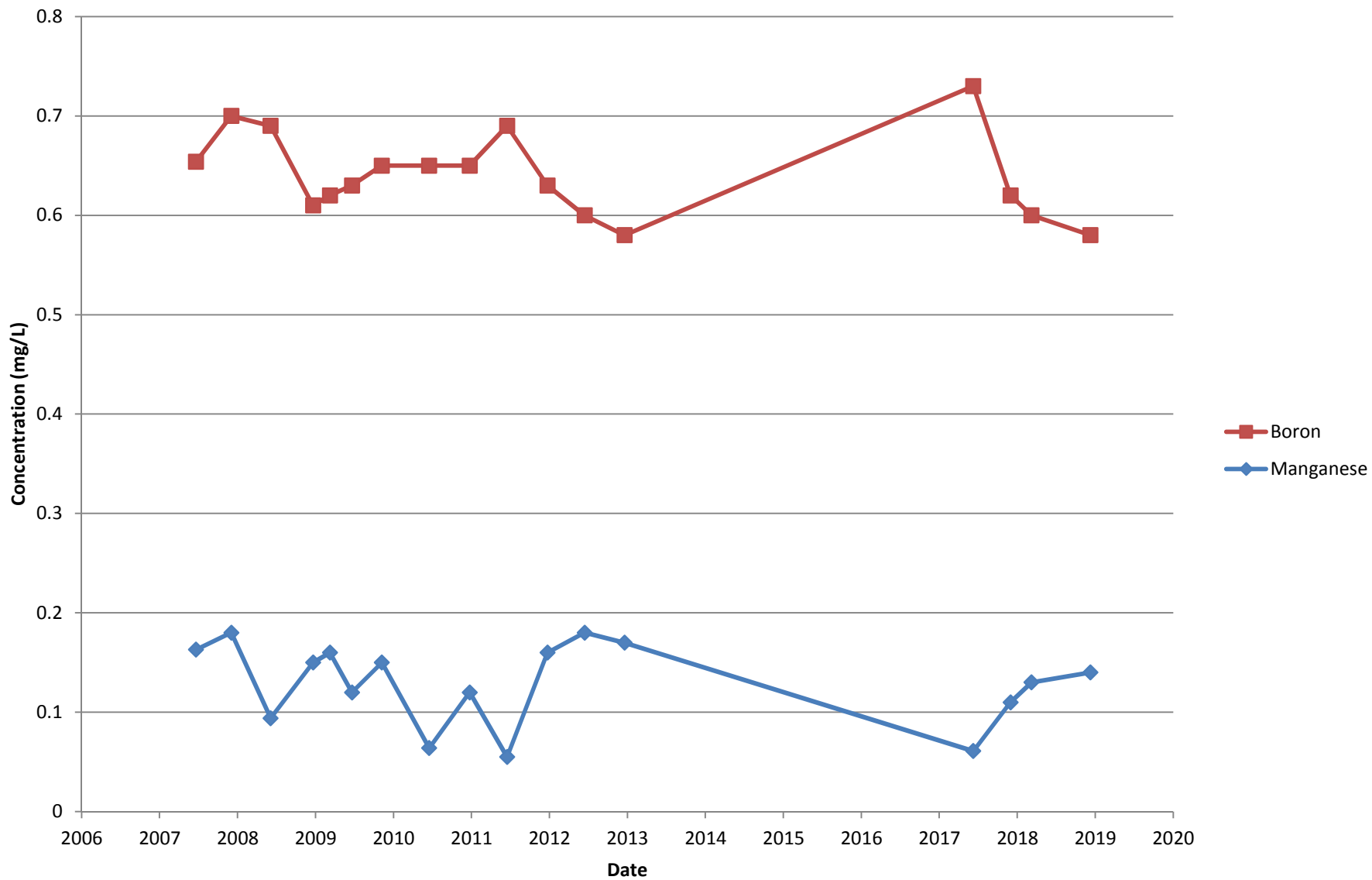
Historical Constituent Concentrations Deep Well DW-2



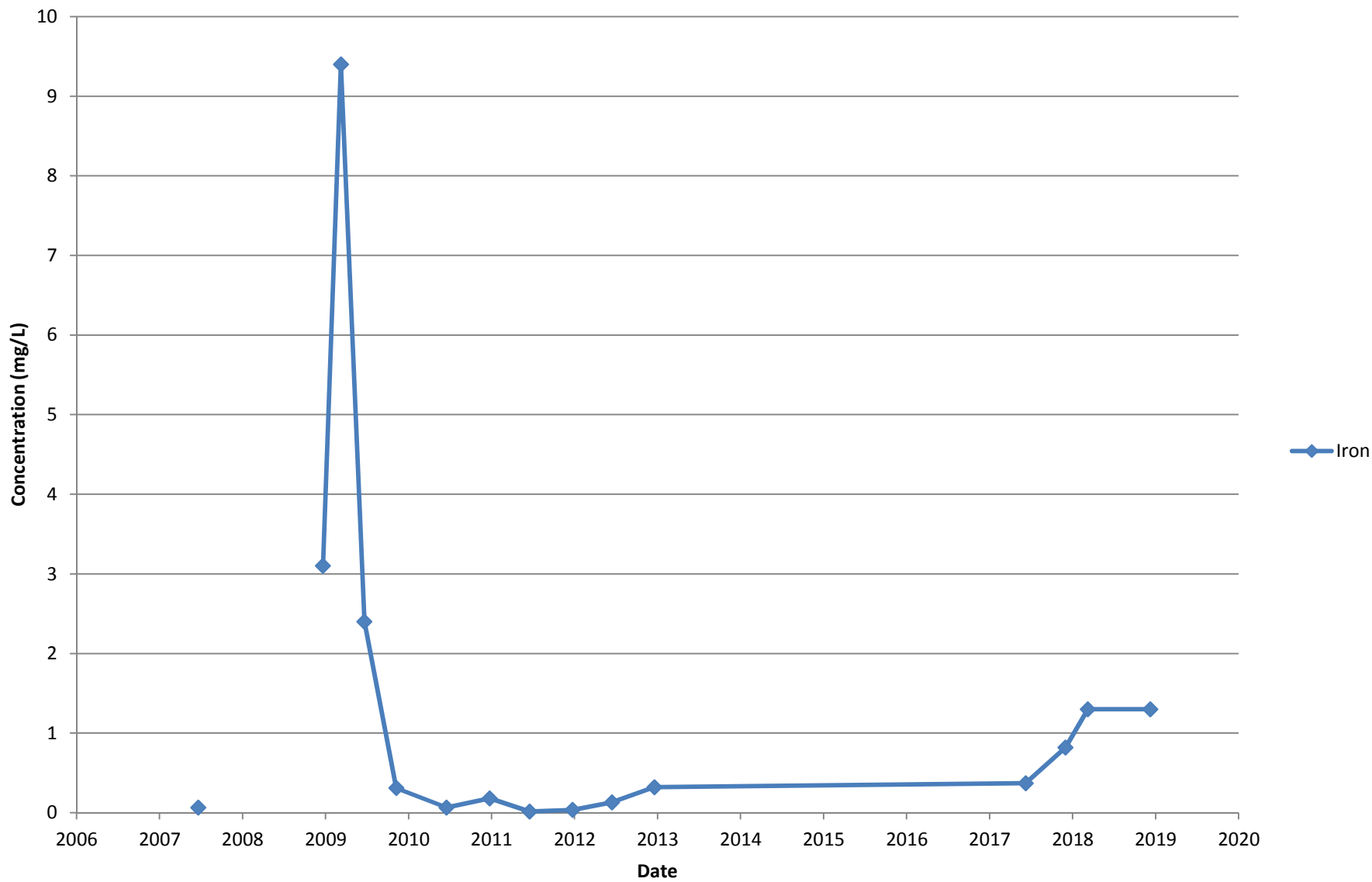
Historical Constituent Concentrations Deep Well DW-2



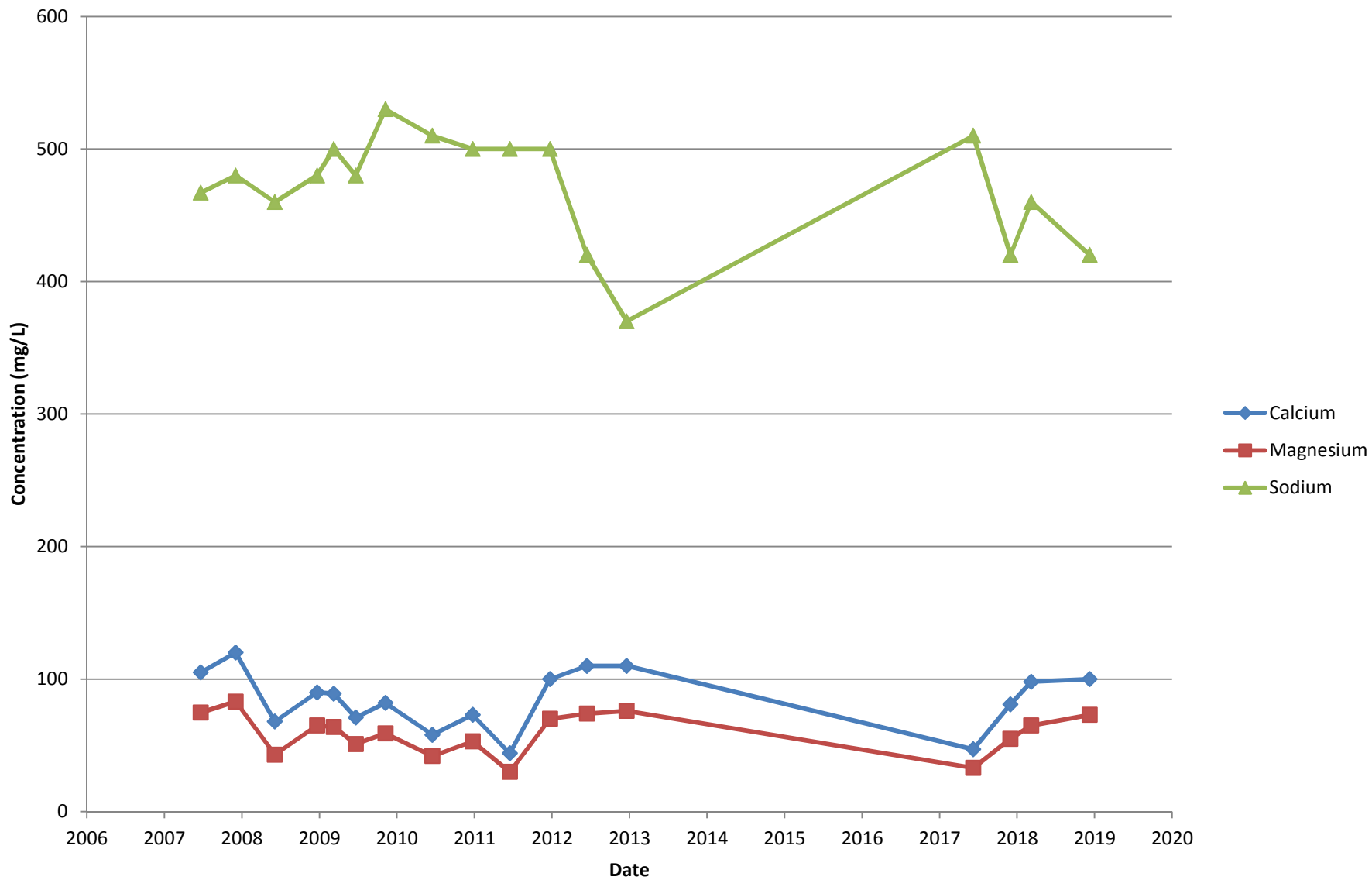
Historical Constituent Concentrations Deep Well DW-2



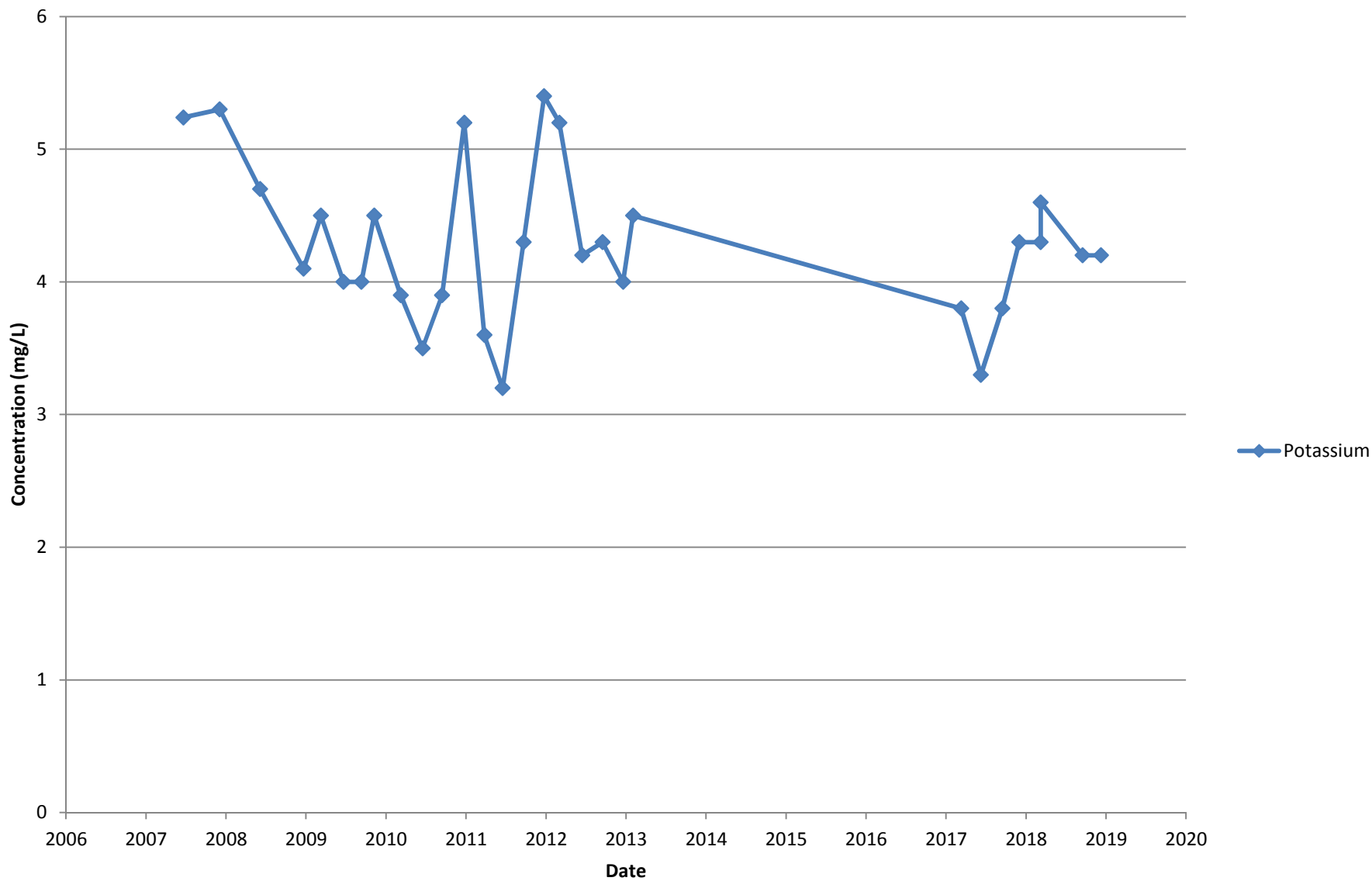
Historical Constituent Concentrations Deep Well DW-2



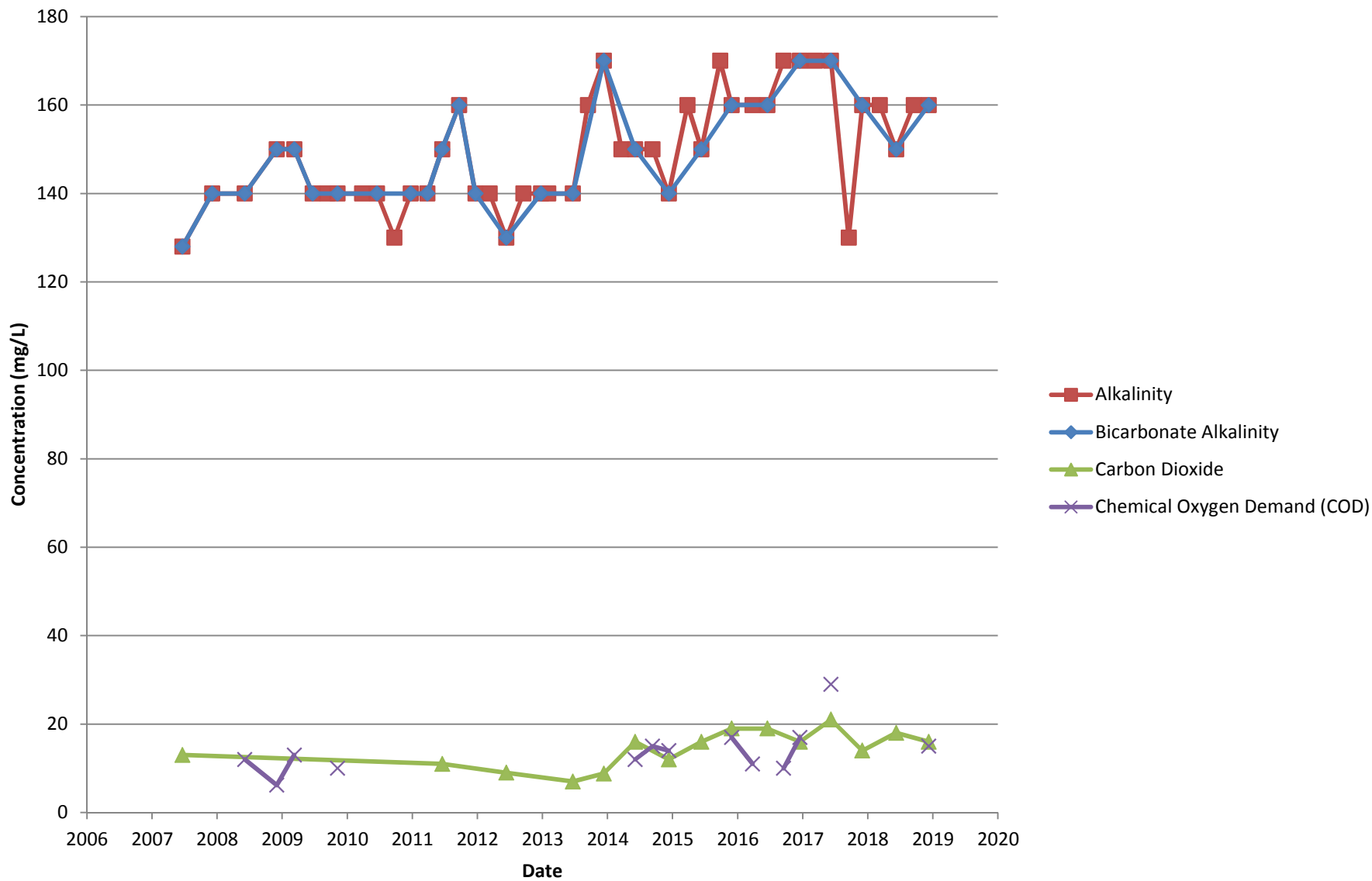
Historical Constituent Concentrations Deep Well DW-2



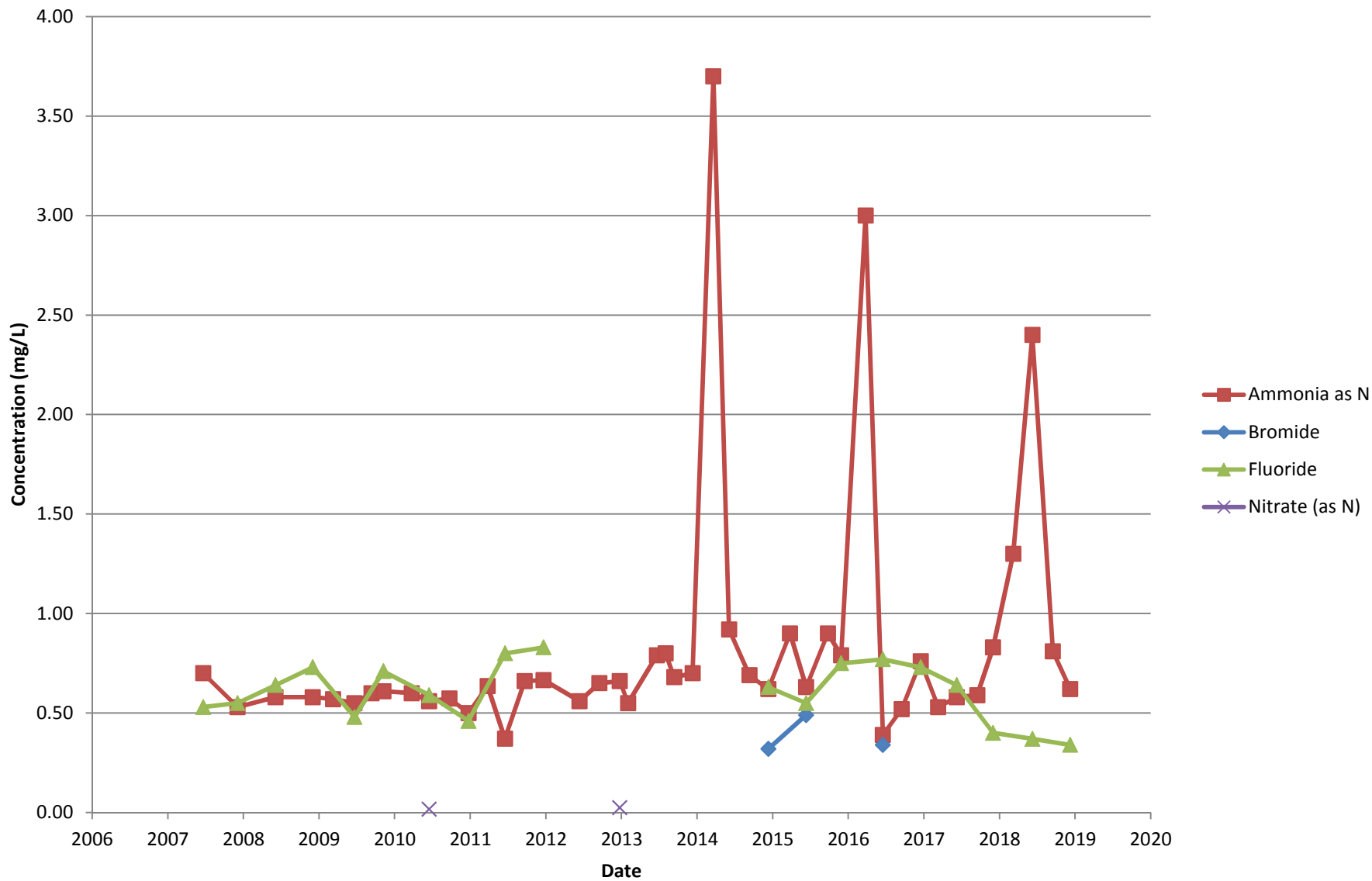
Historical Constituent Concentrations Deep Well DW-2



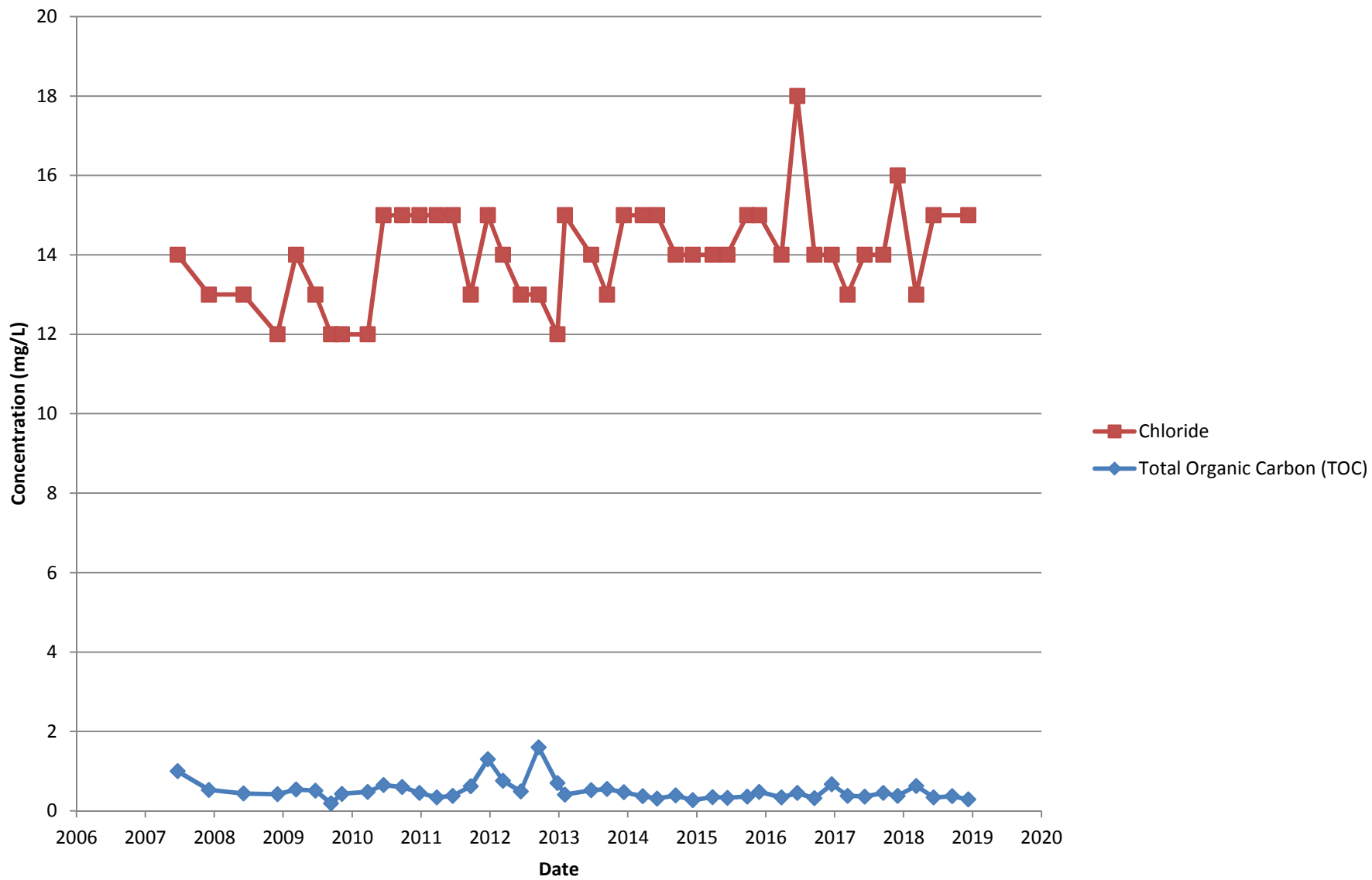
Historical Constituent Concentrations Deep Well DW-3



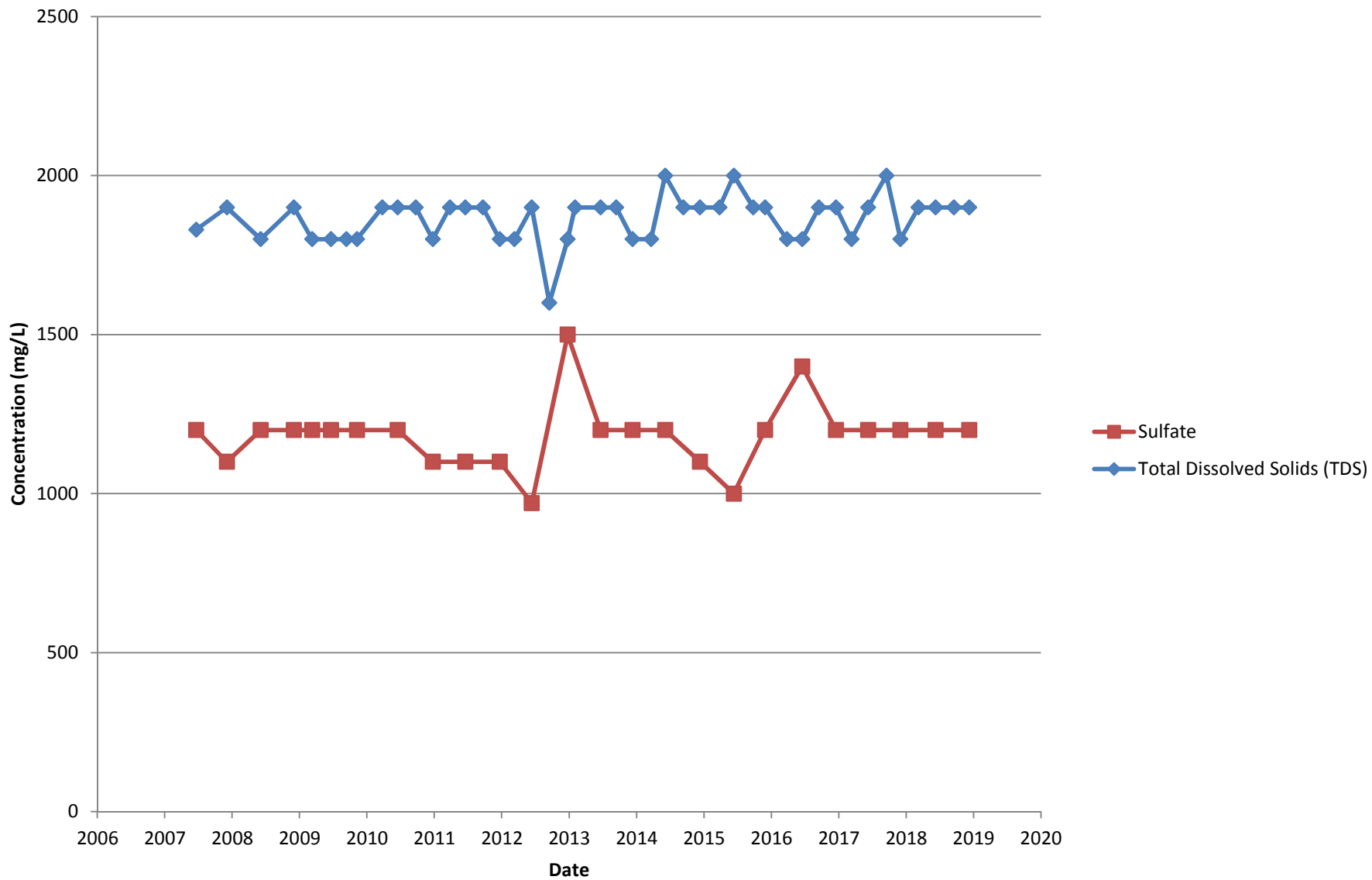
Historical Constituent Concentrations Deep Well DW-3



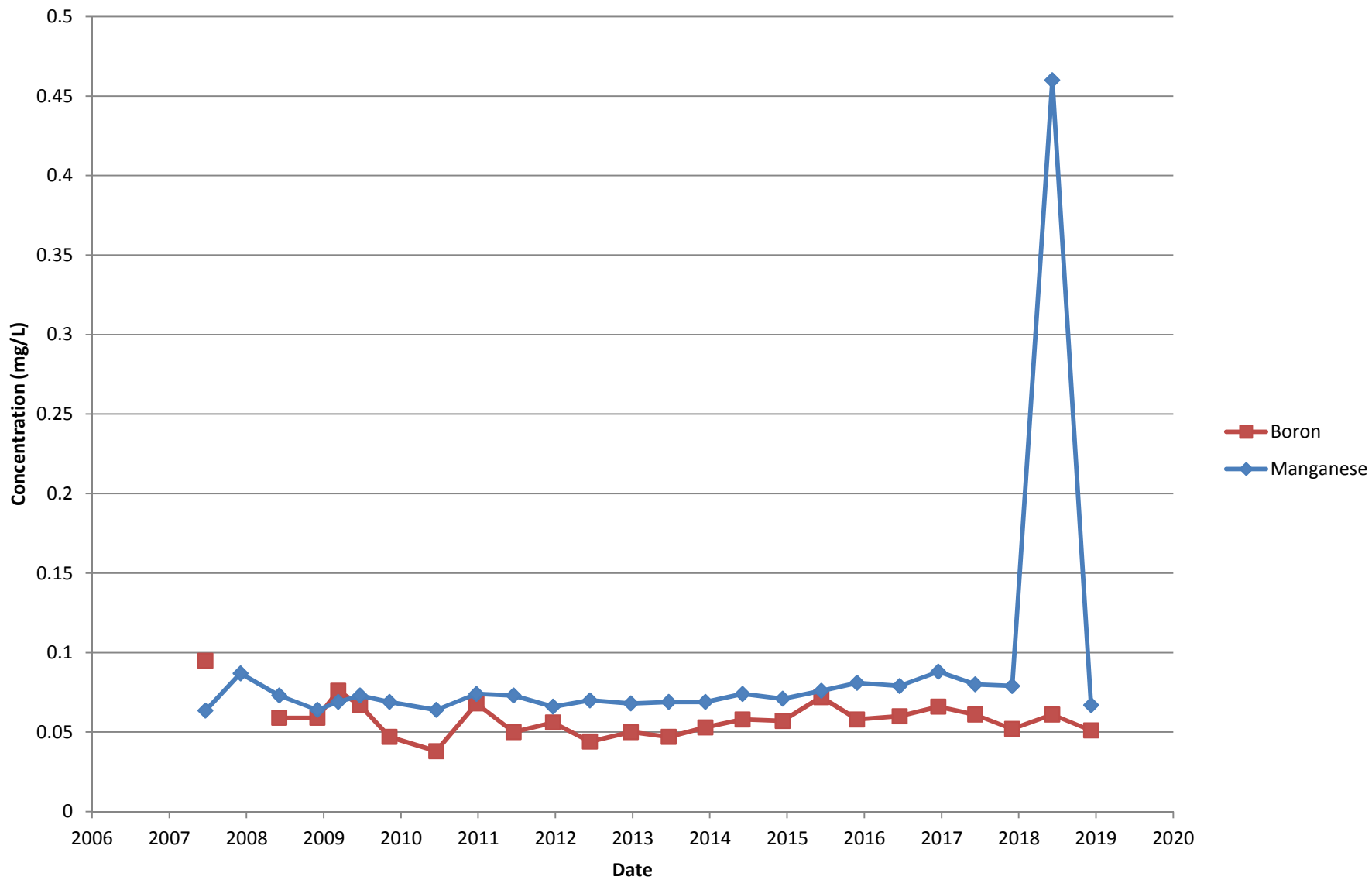
Historical Constituent Concentrations Deep Well DW-3



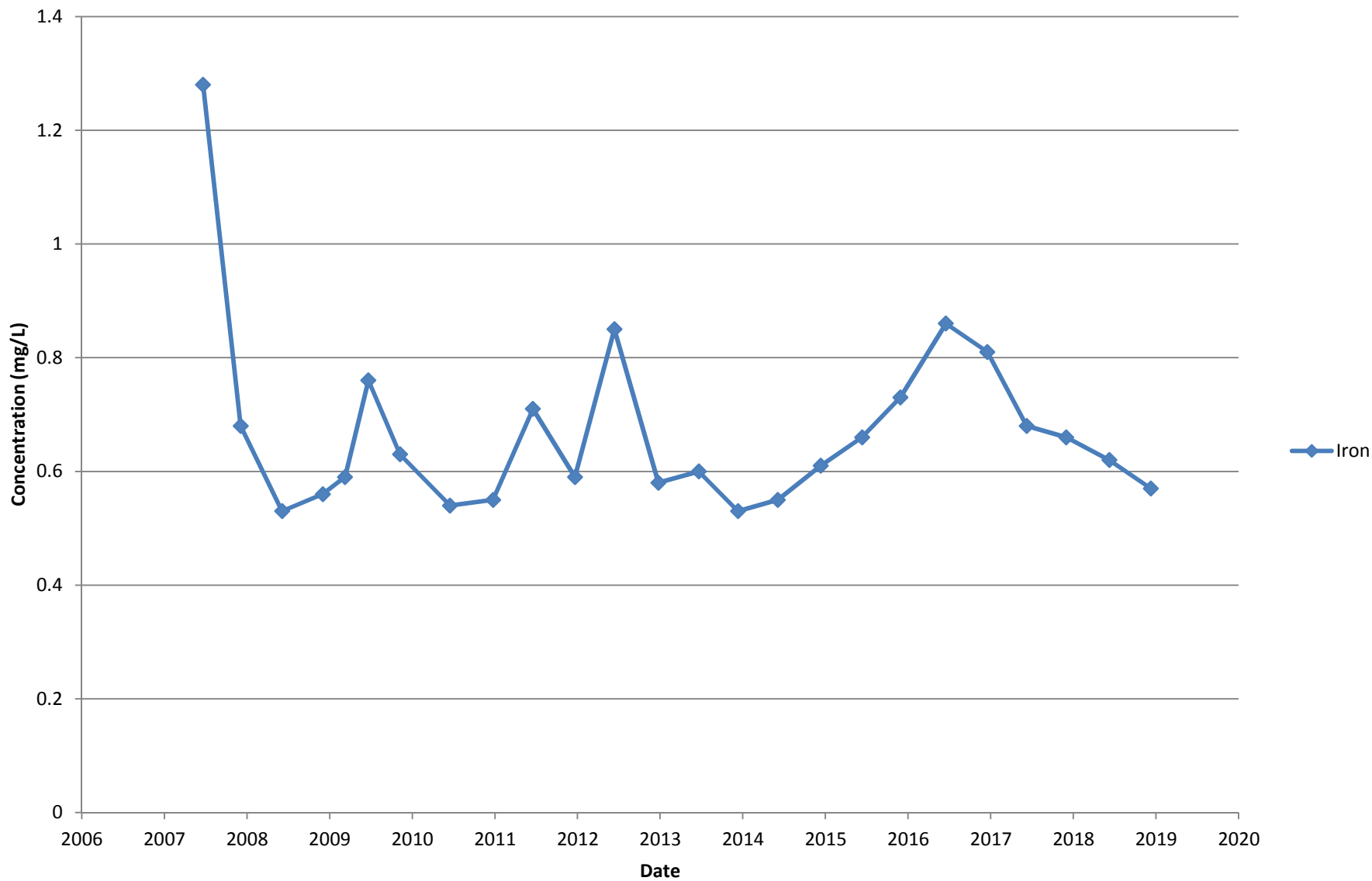
Historical Constituent Concentrations Deep Well DW-3



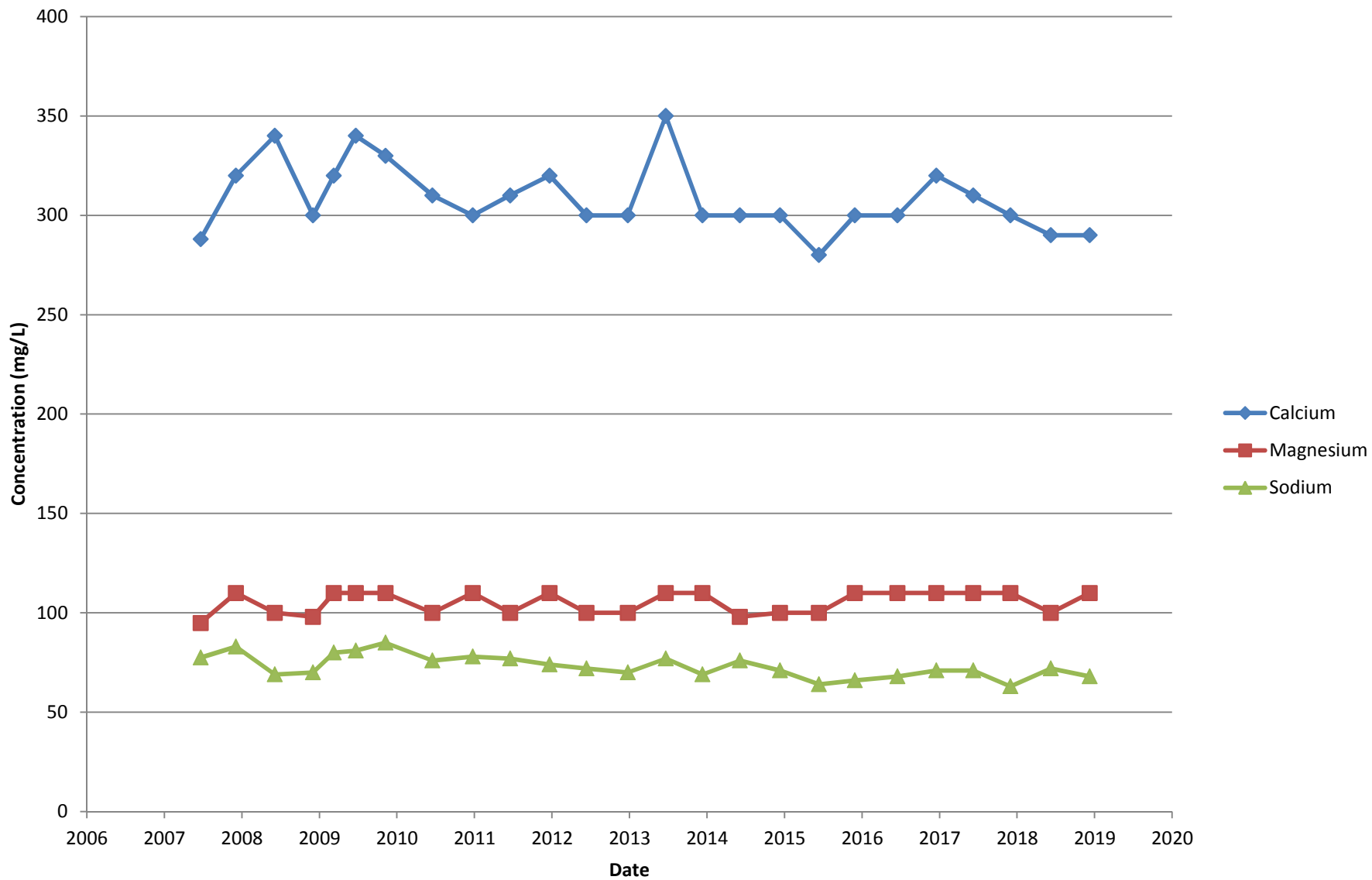
Historical Constituent Concentrations Deep Well DW-3



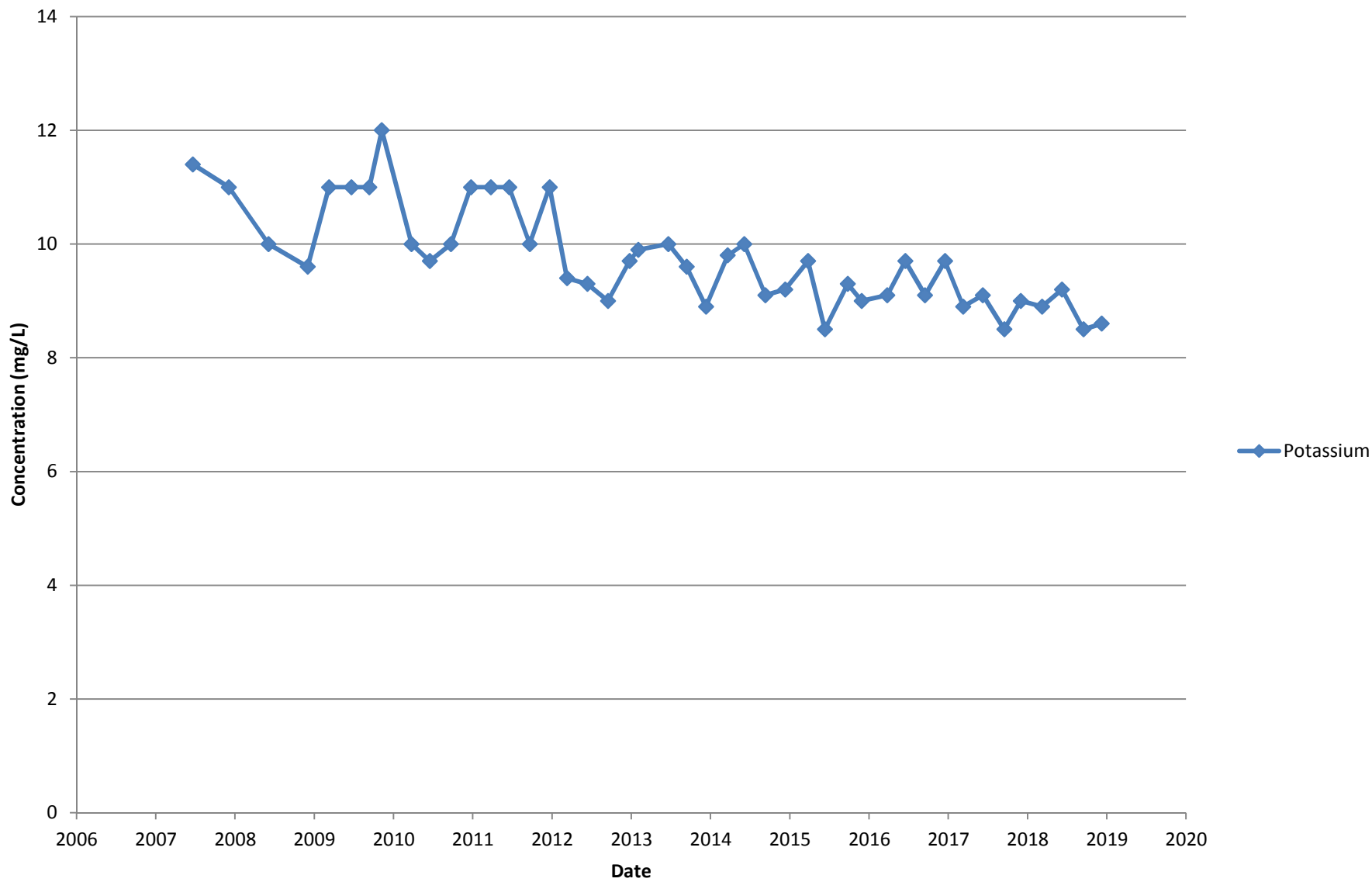
Historical Constituent Concentrations Deep Well DW-3



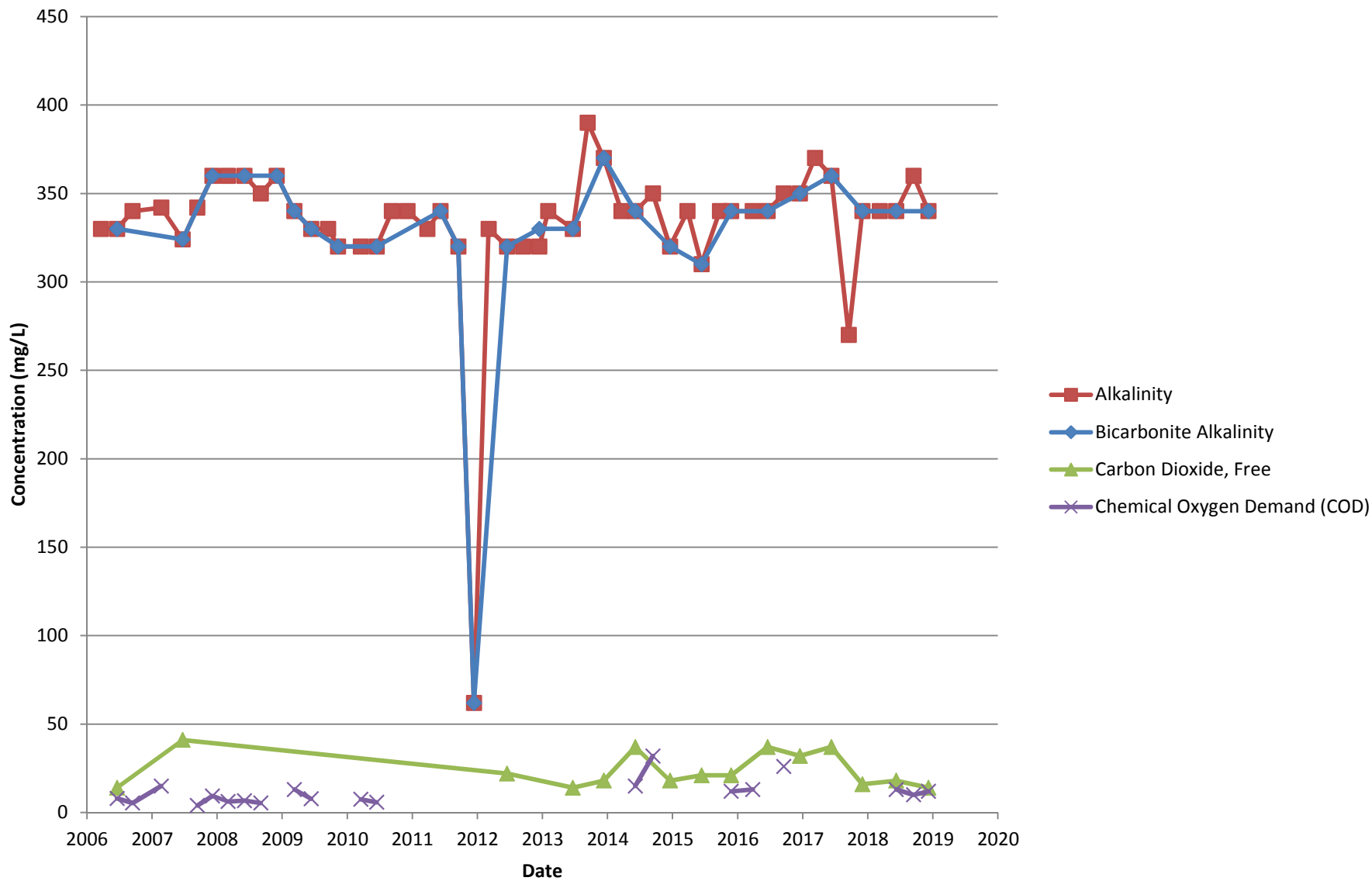
Historical Constituent Concentrations Deep Well DW-3



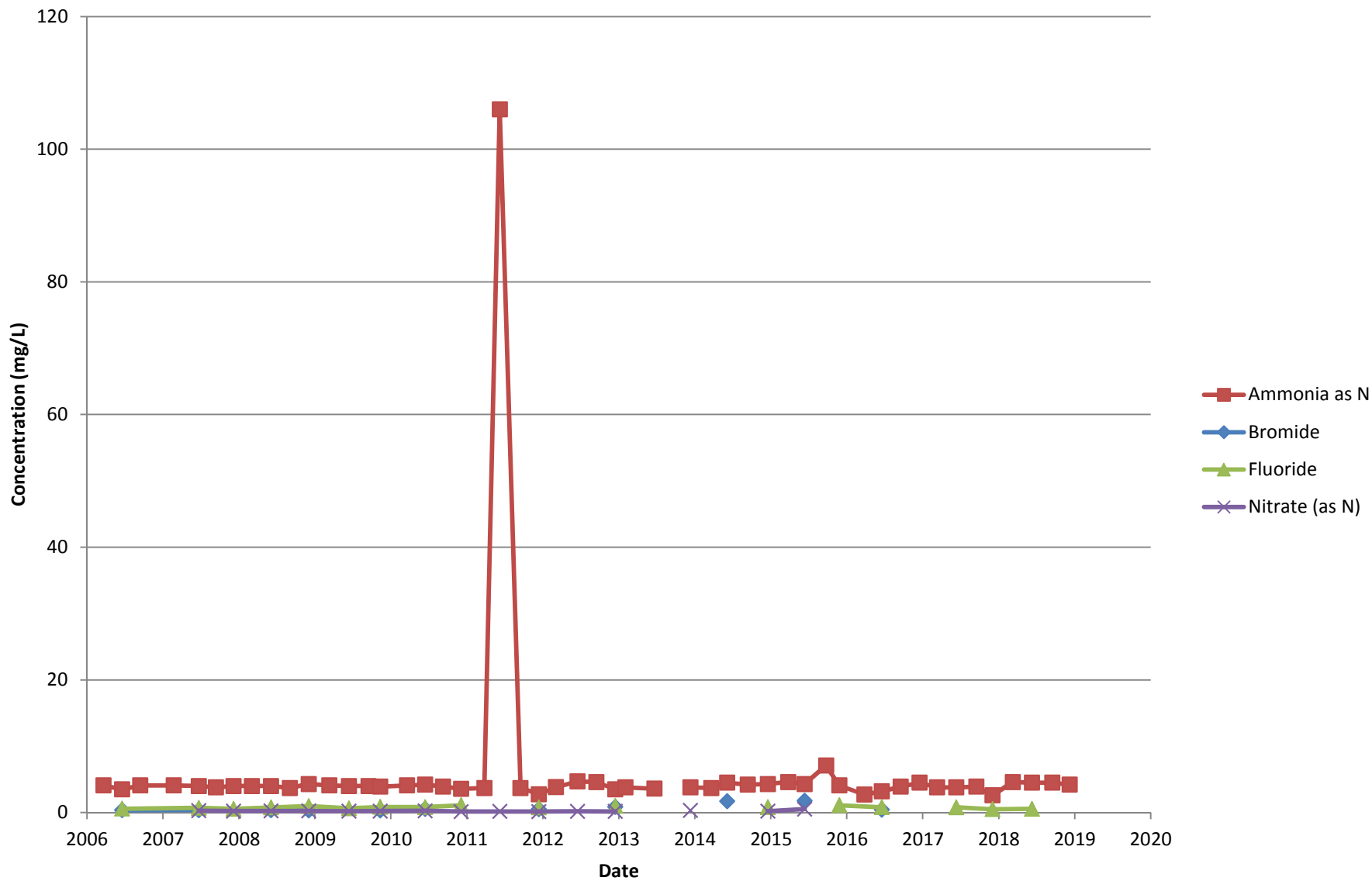
Historical Constituent Concentrations Deep Well DW-3



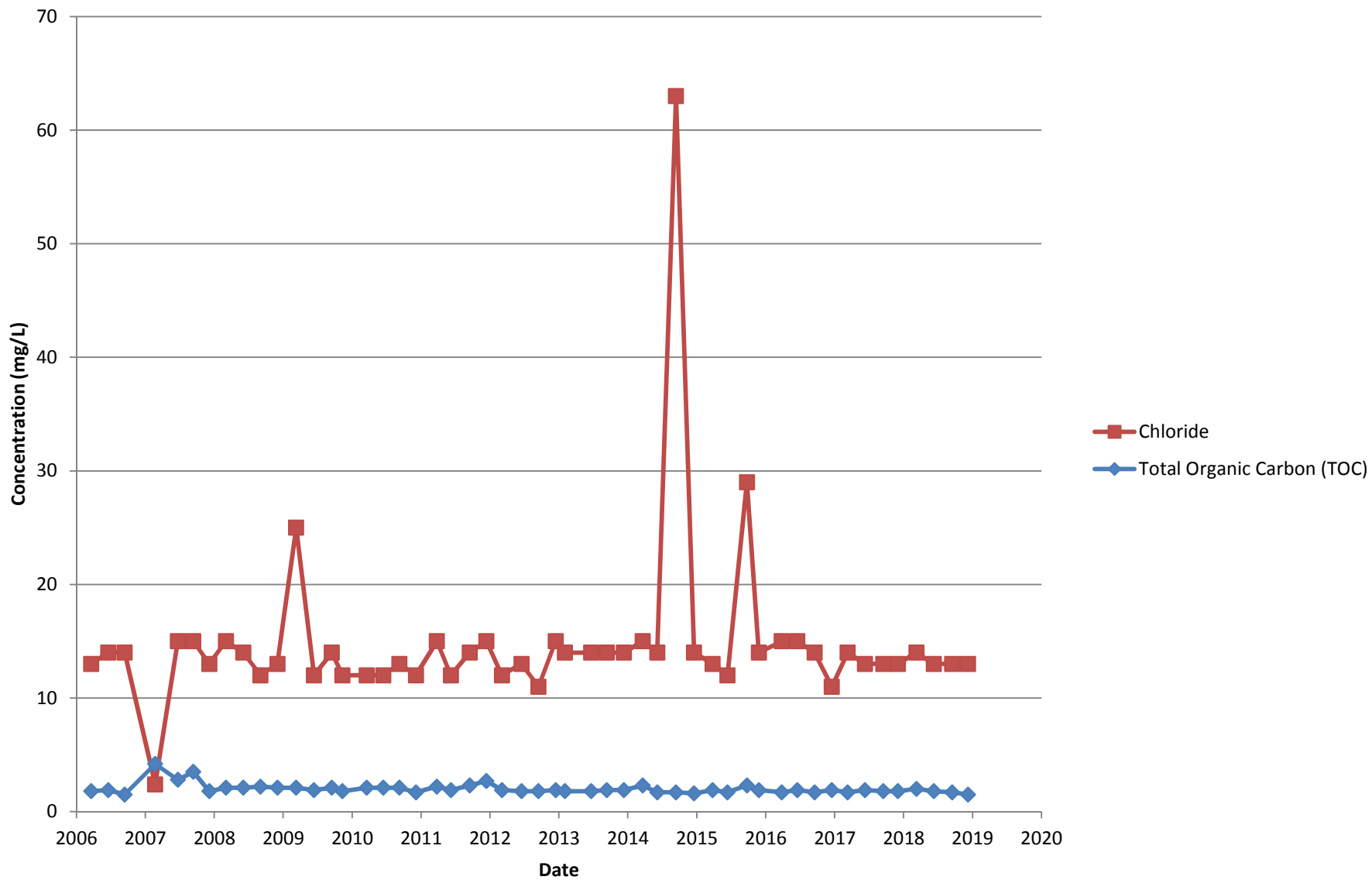
Historical Constituent Concentrations Deep Well DW-4



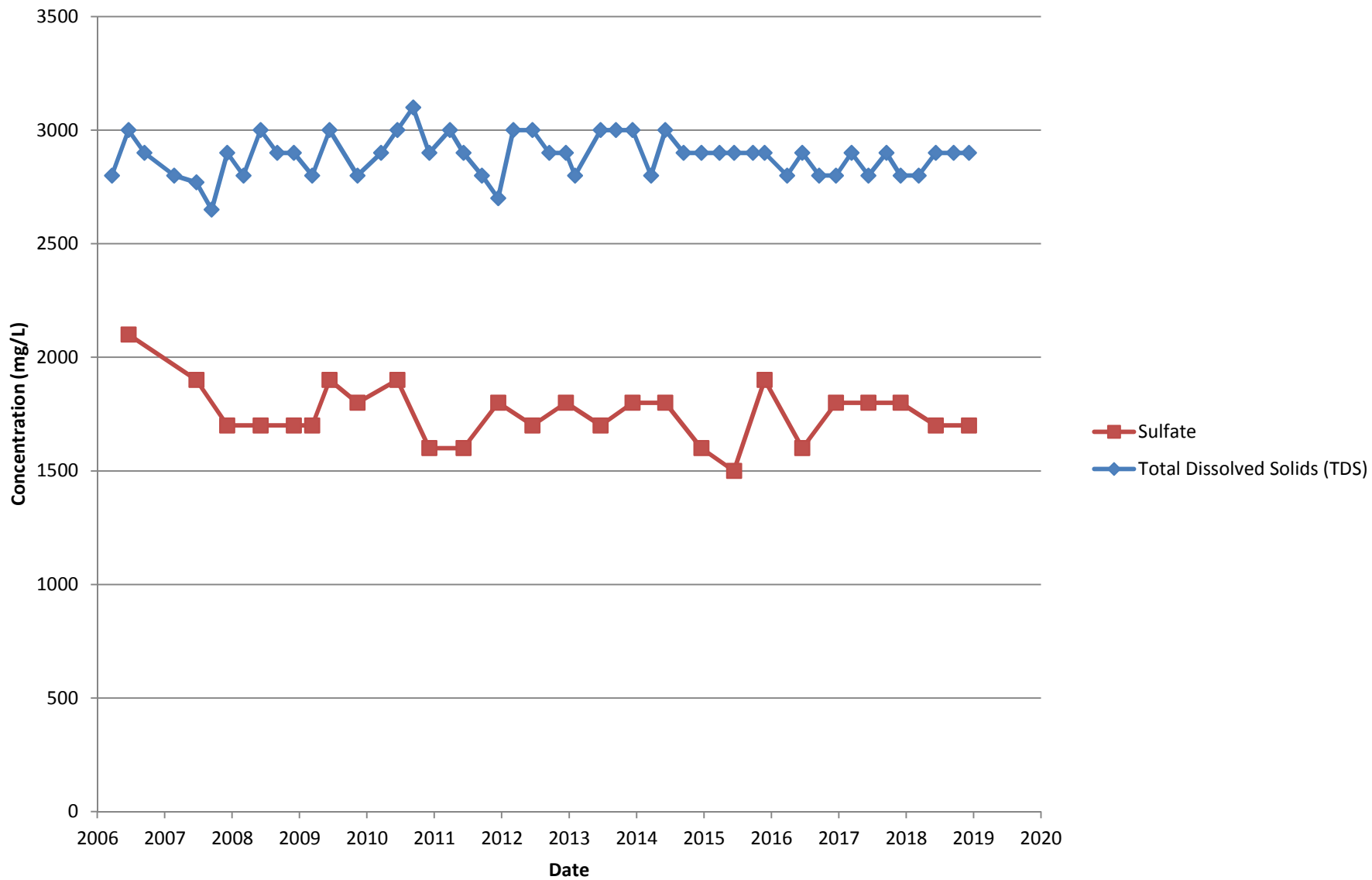
Historical Constituent Concentrations Deep Well DW-4



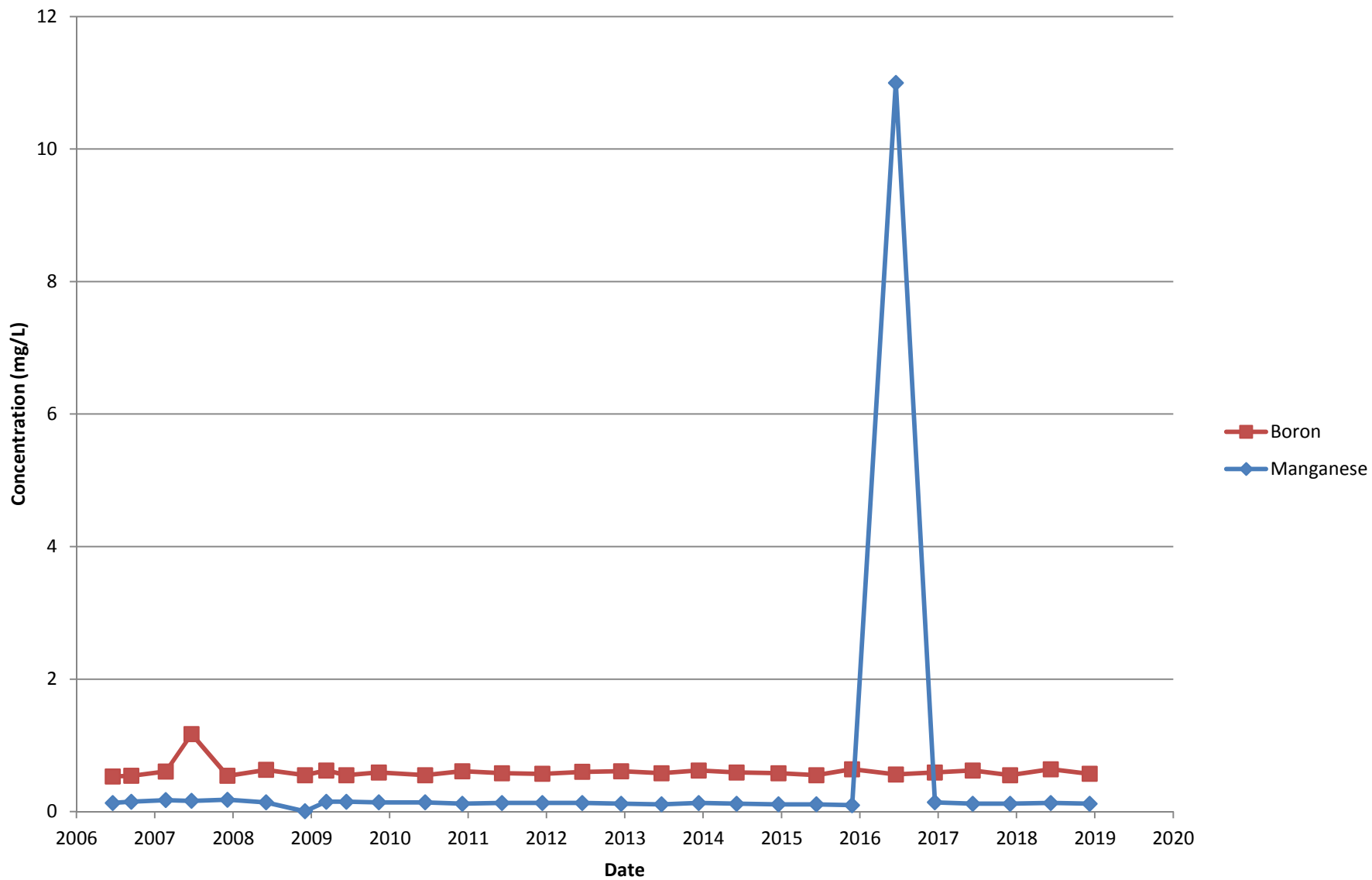
Historical Constituent Concentrations Deep Well DW-4



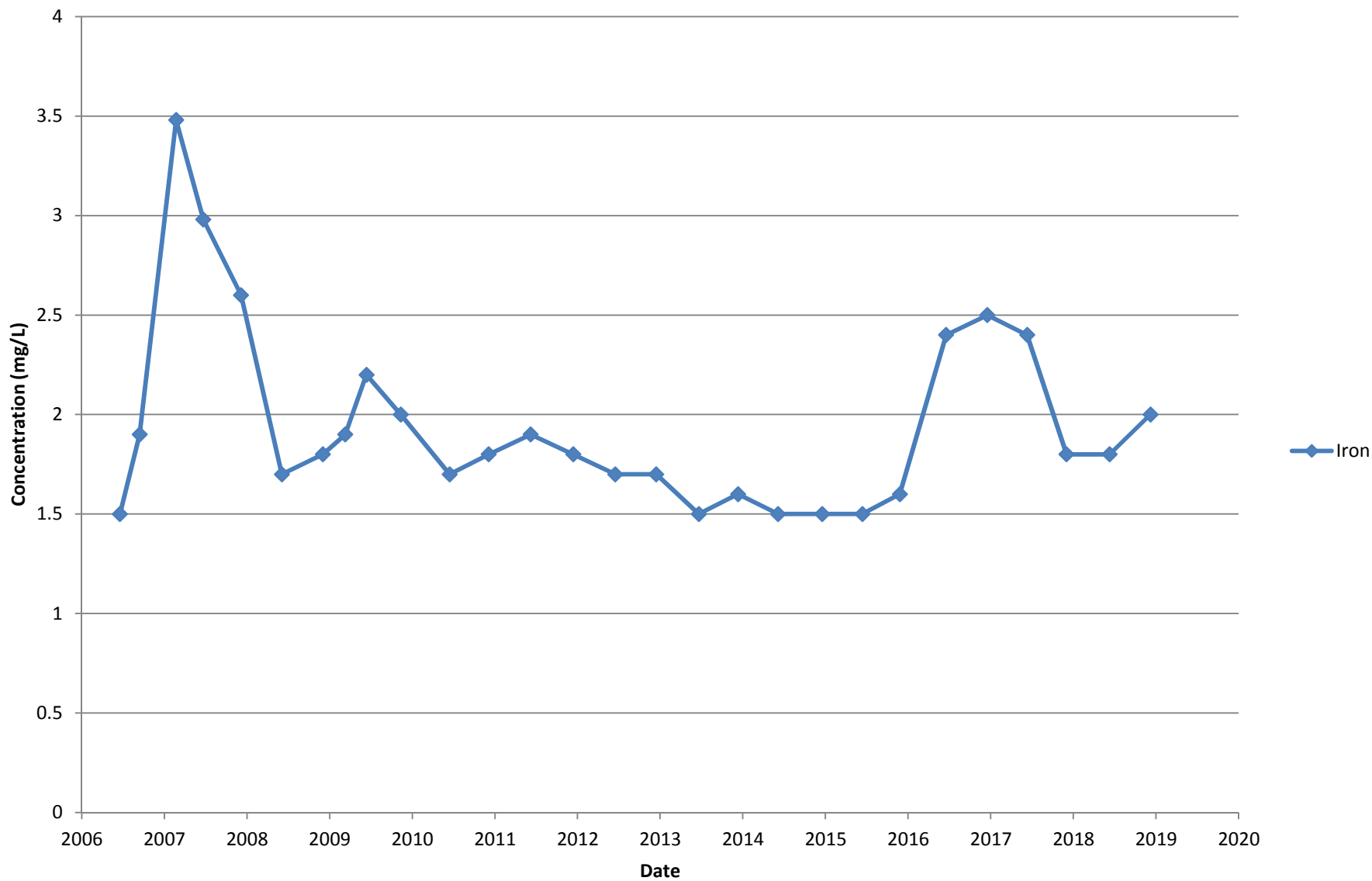
Historical Constituent Concentrations Deep Well DW-4



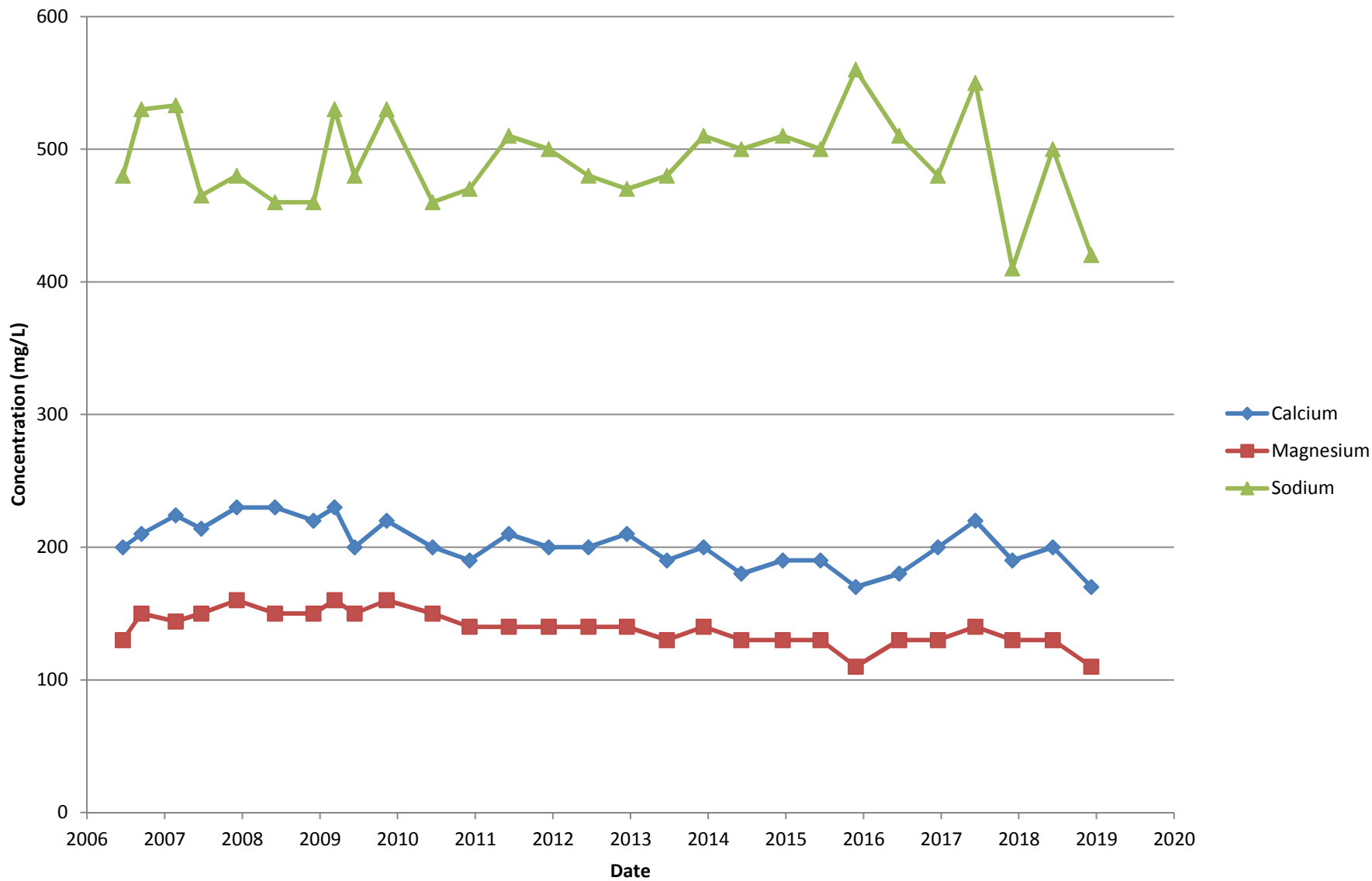
Historical Constituent Concentrations Deep Well DW-4



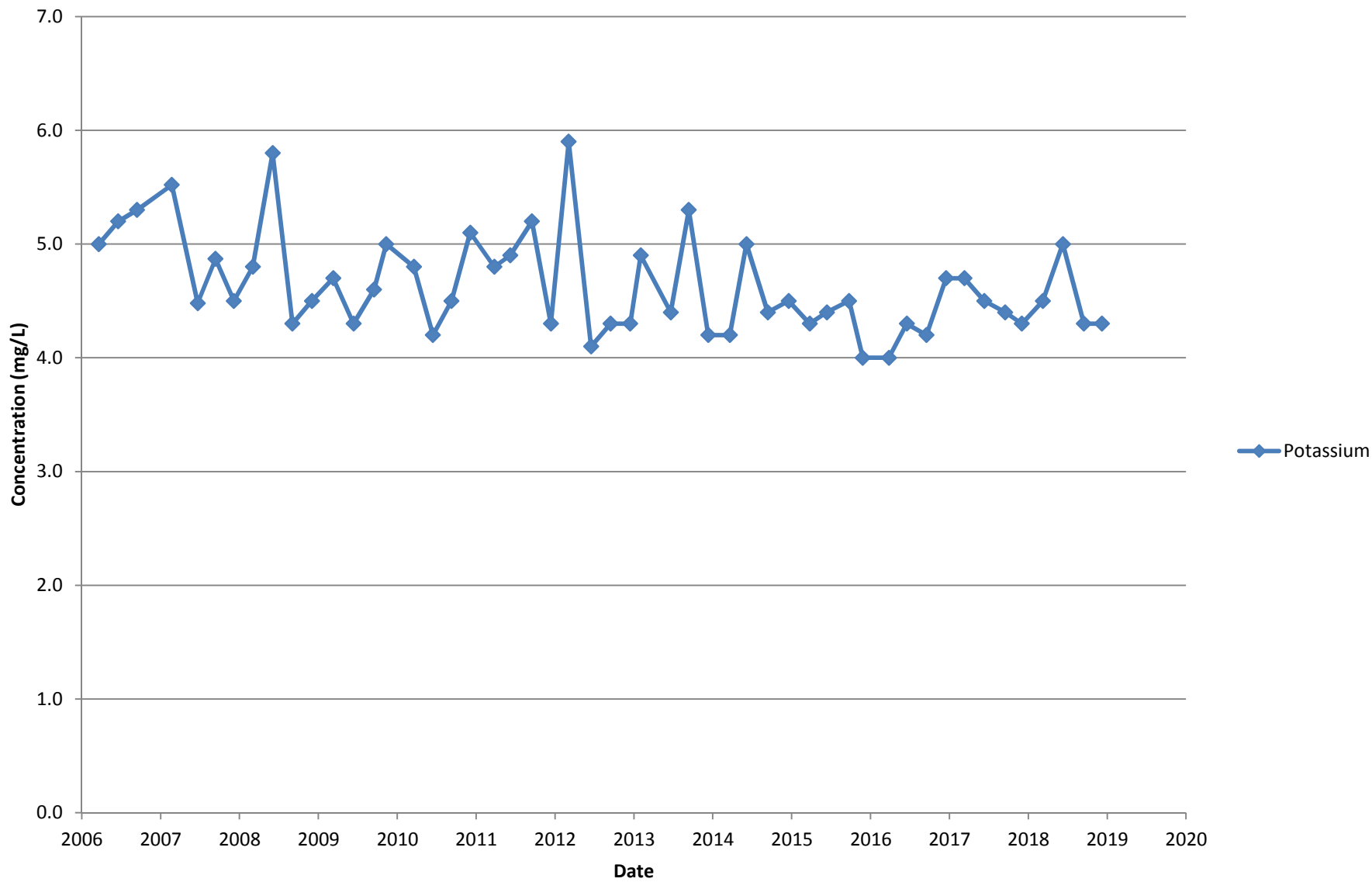
Historical Constituent Concentrations Deep Well DW-4



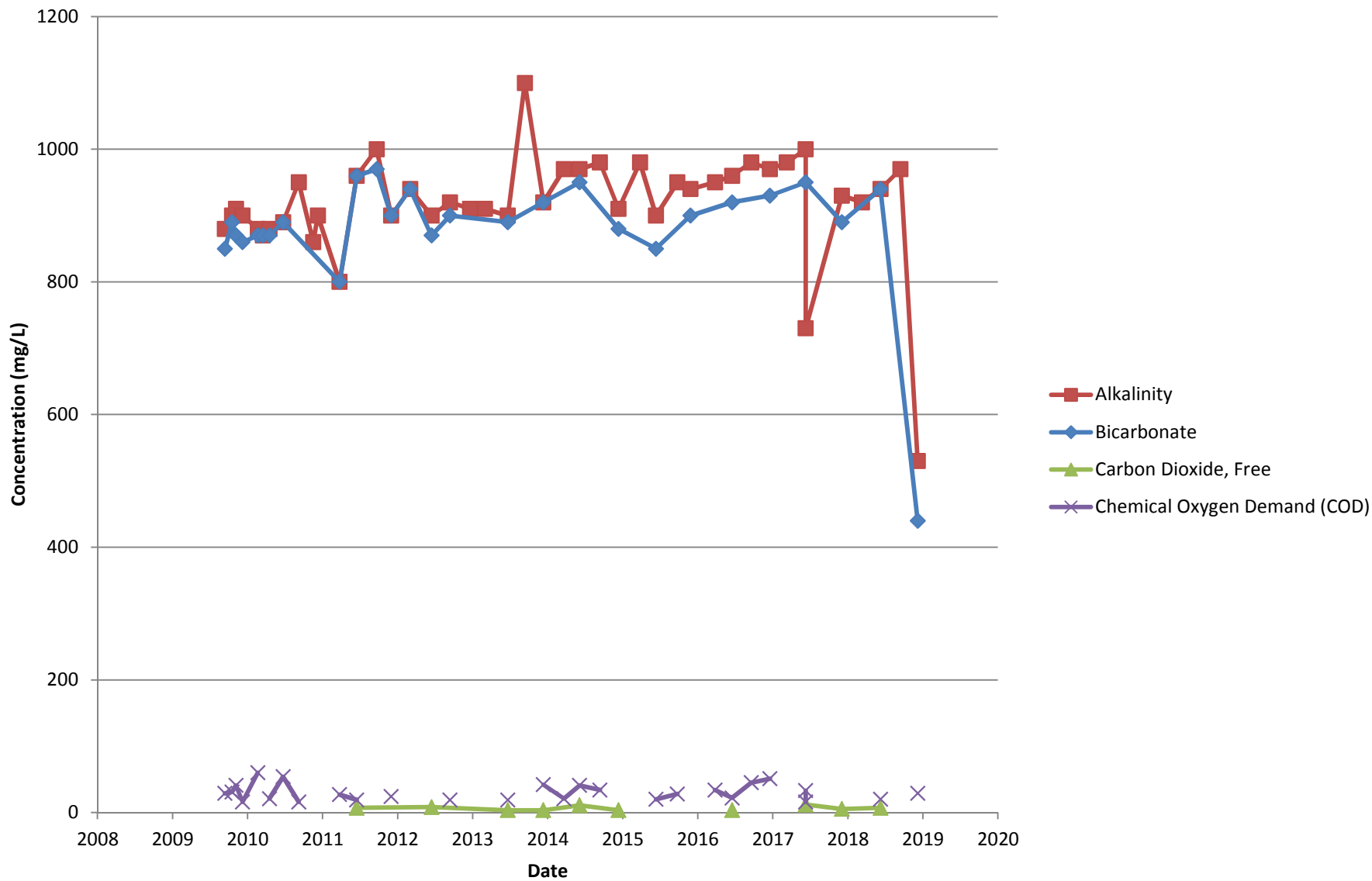
Historical Constituent Concentrations Deep Well DW-4



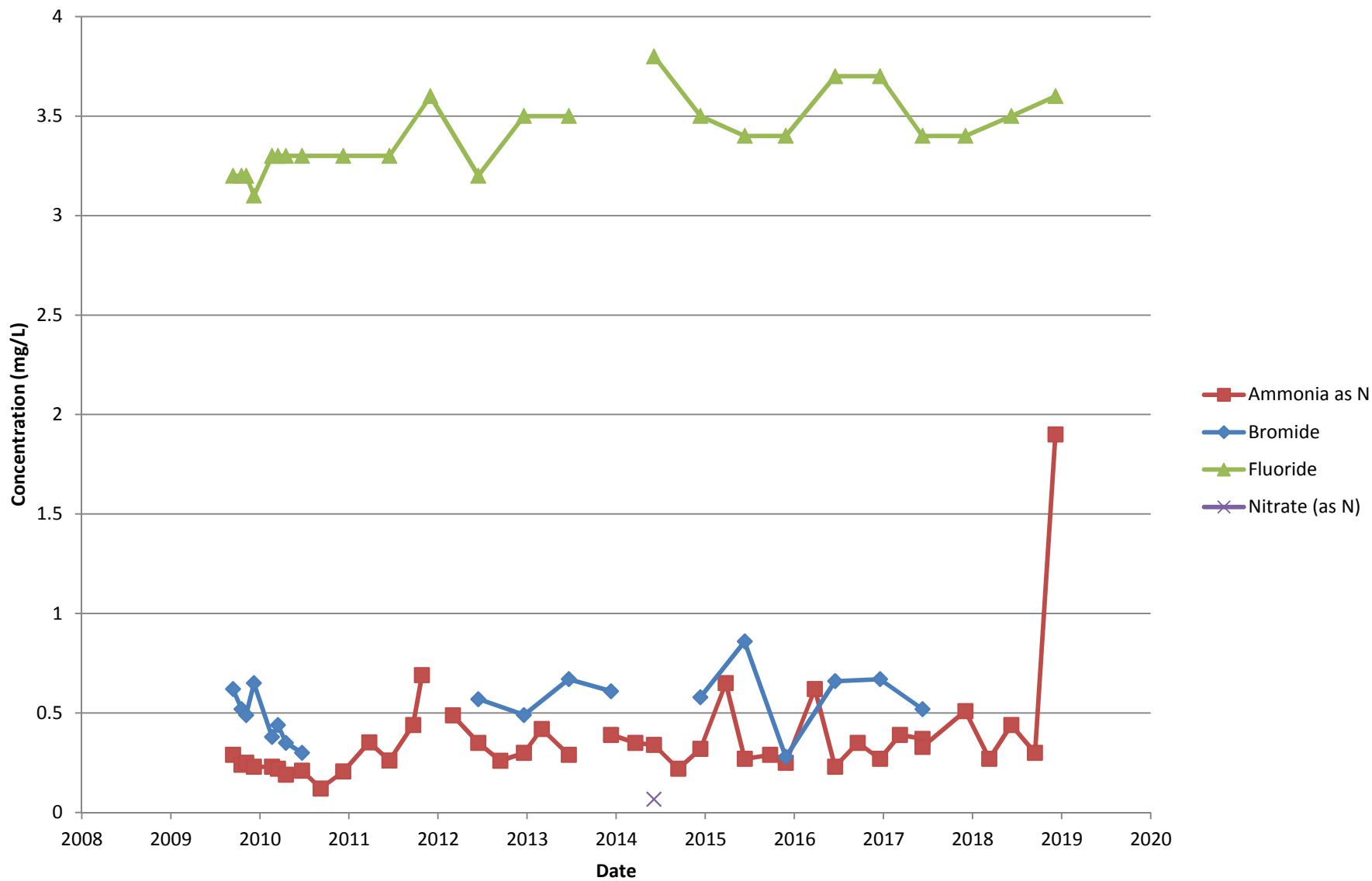
Historical Constituent Concentrations Deep Well DW-4



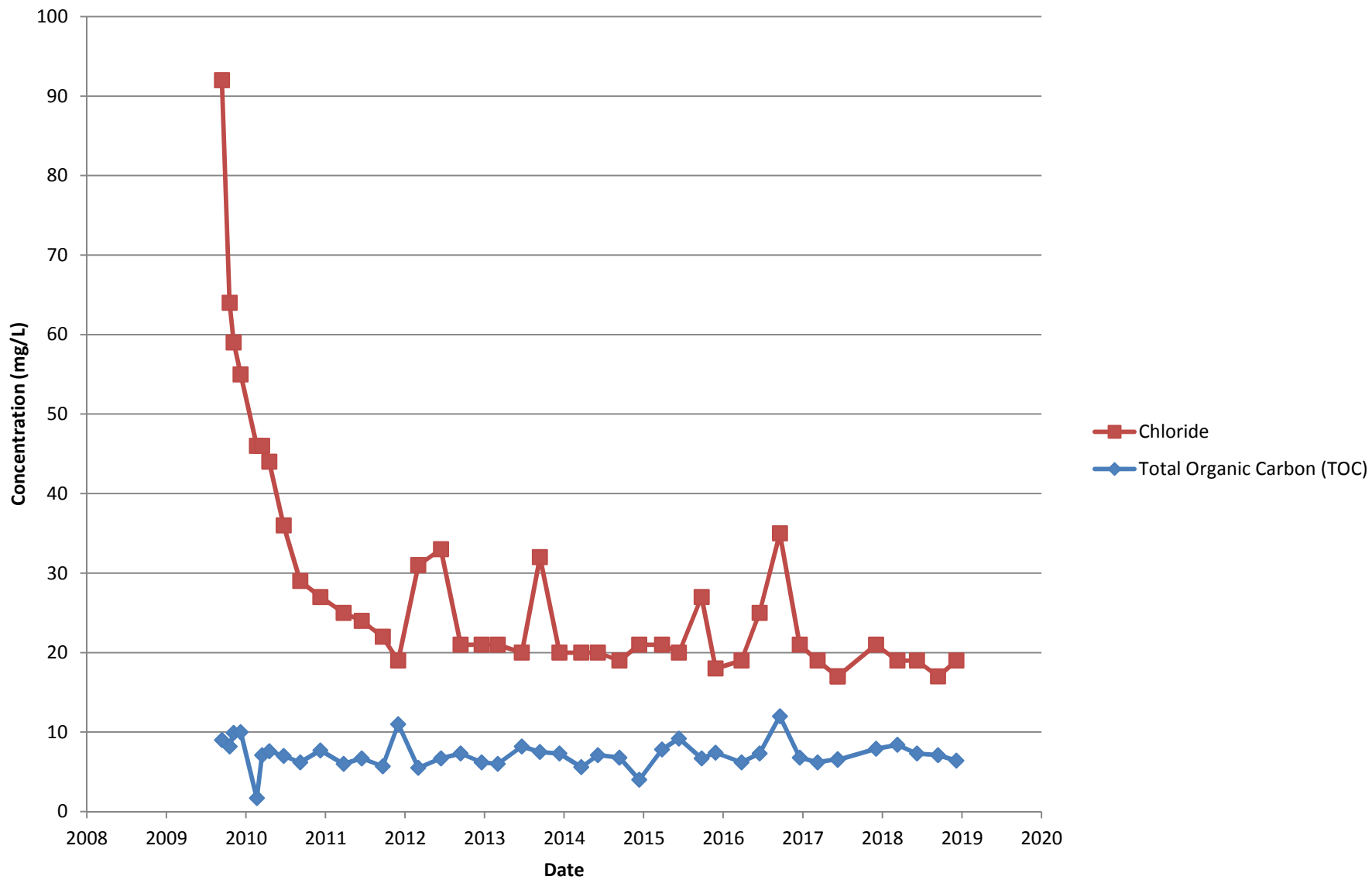
Historical Constituent Concentrations Deep Well DW-5



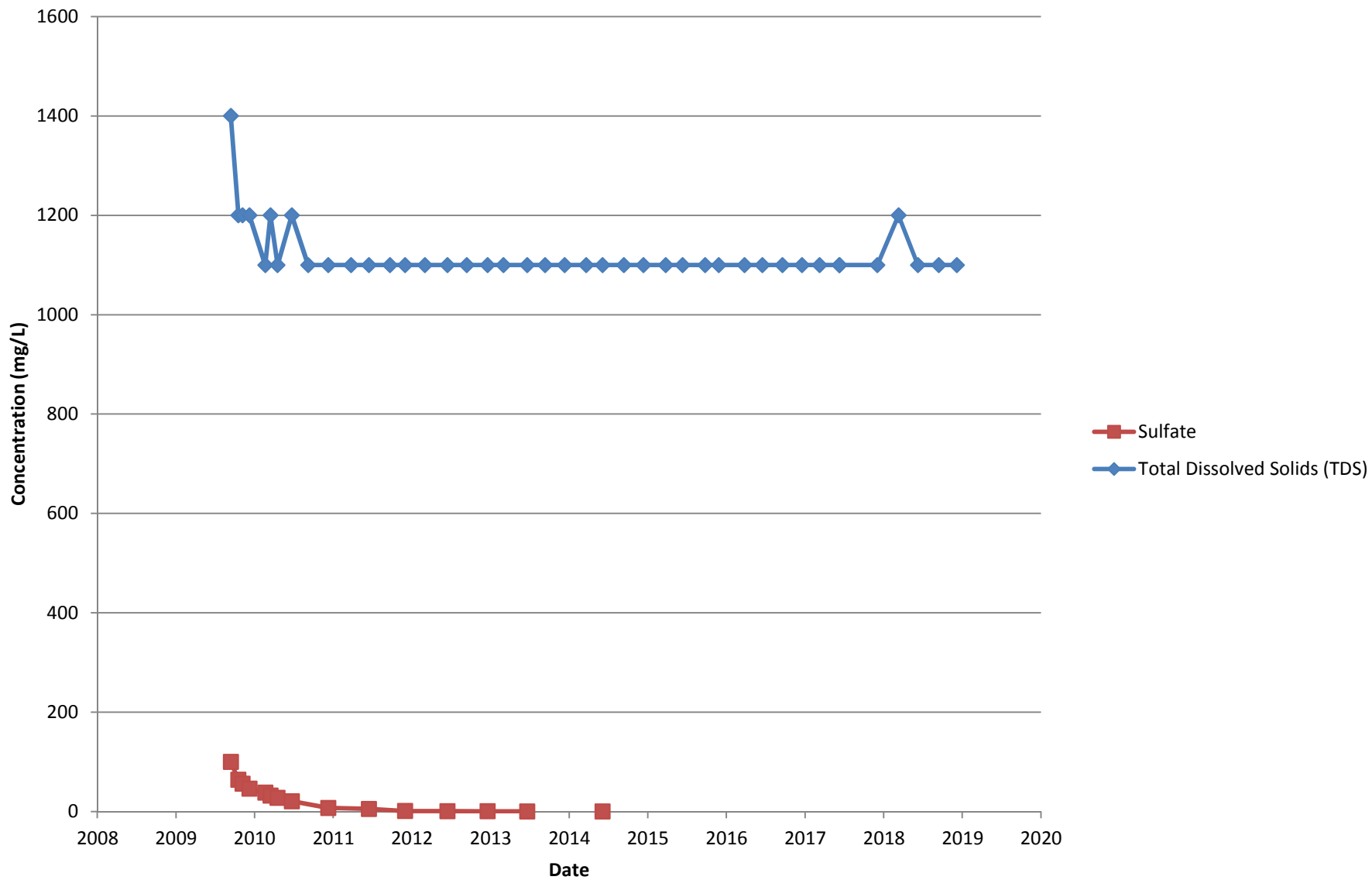
Historical Constituent Concentrations Deep Well DW-5



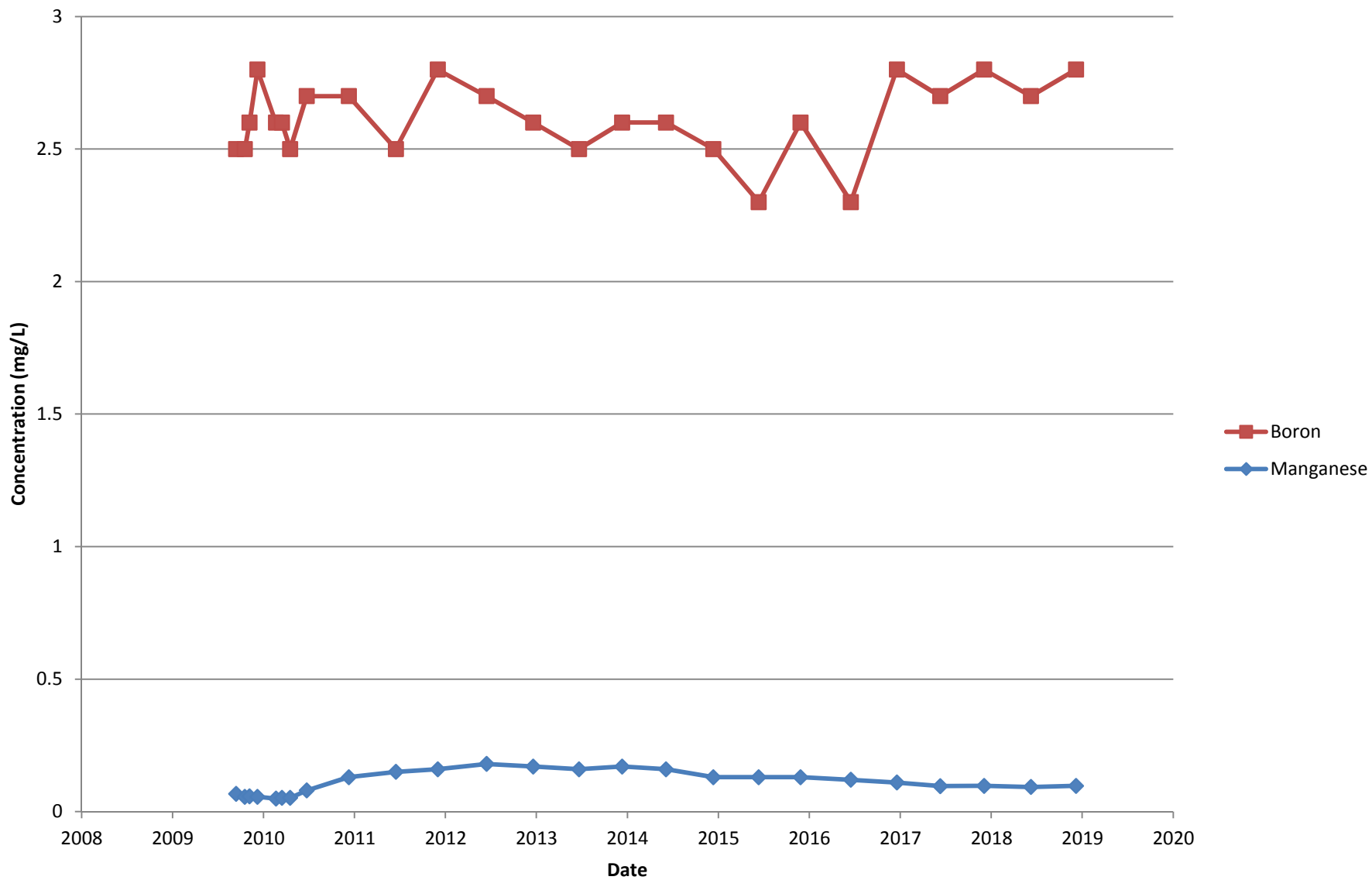
Historical Constituent Concentrations Deep Well DW-5



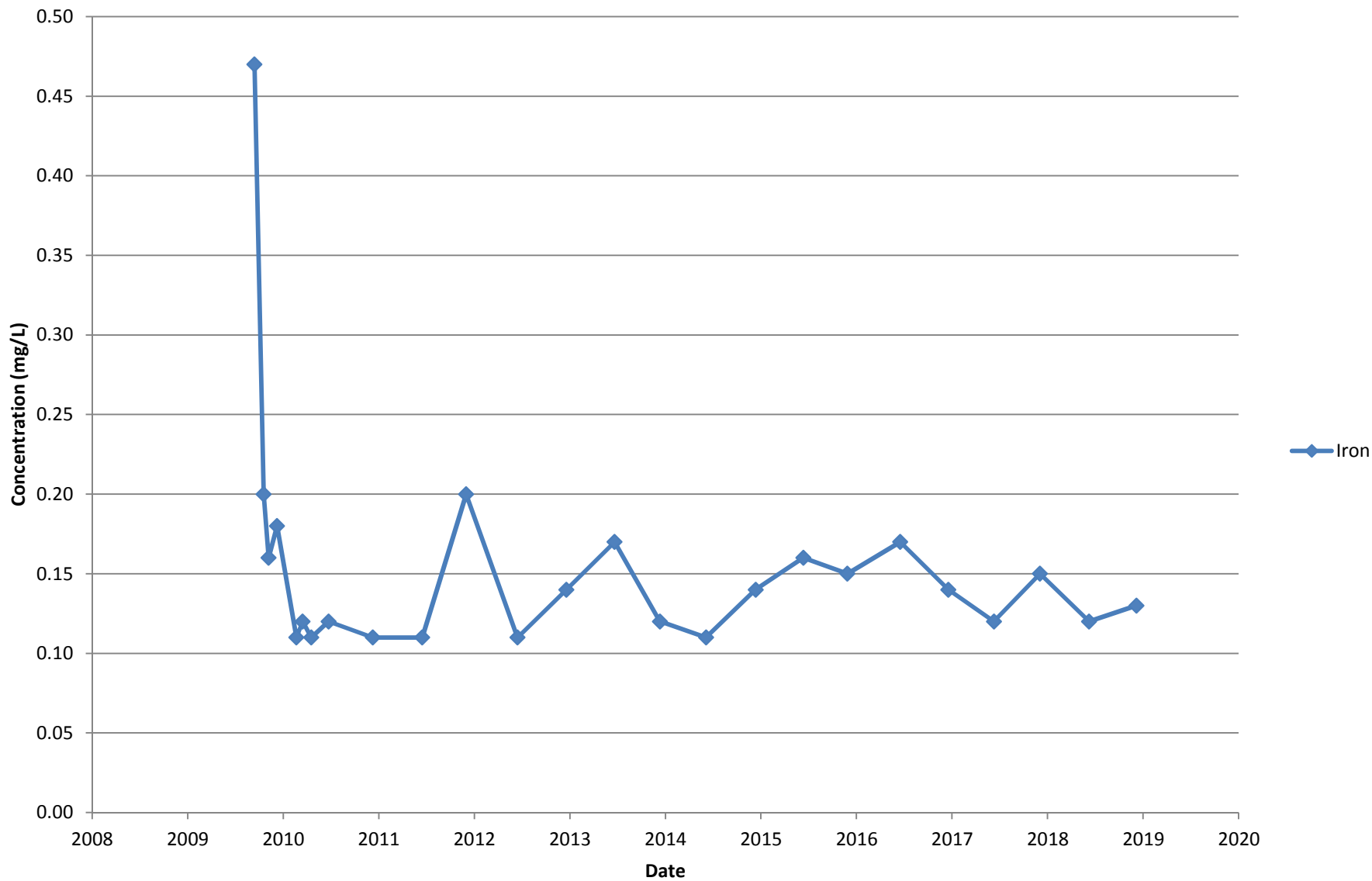
Historical Constituent Concentrations Deep Well DW-5



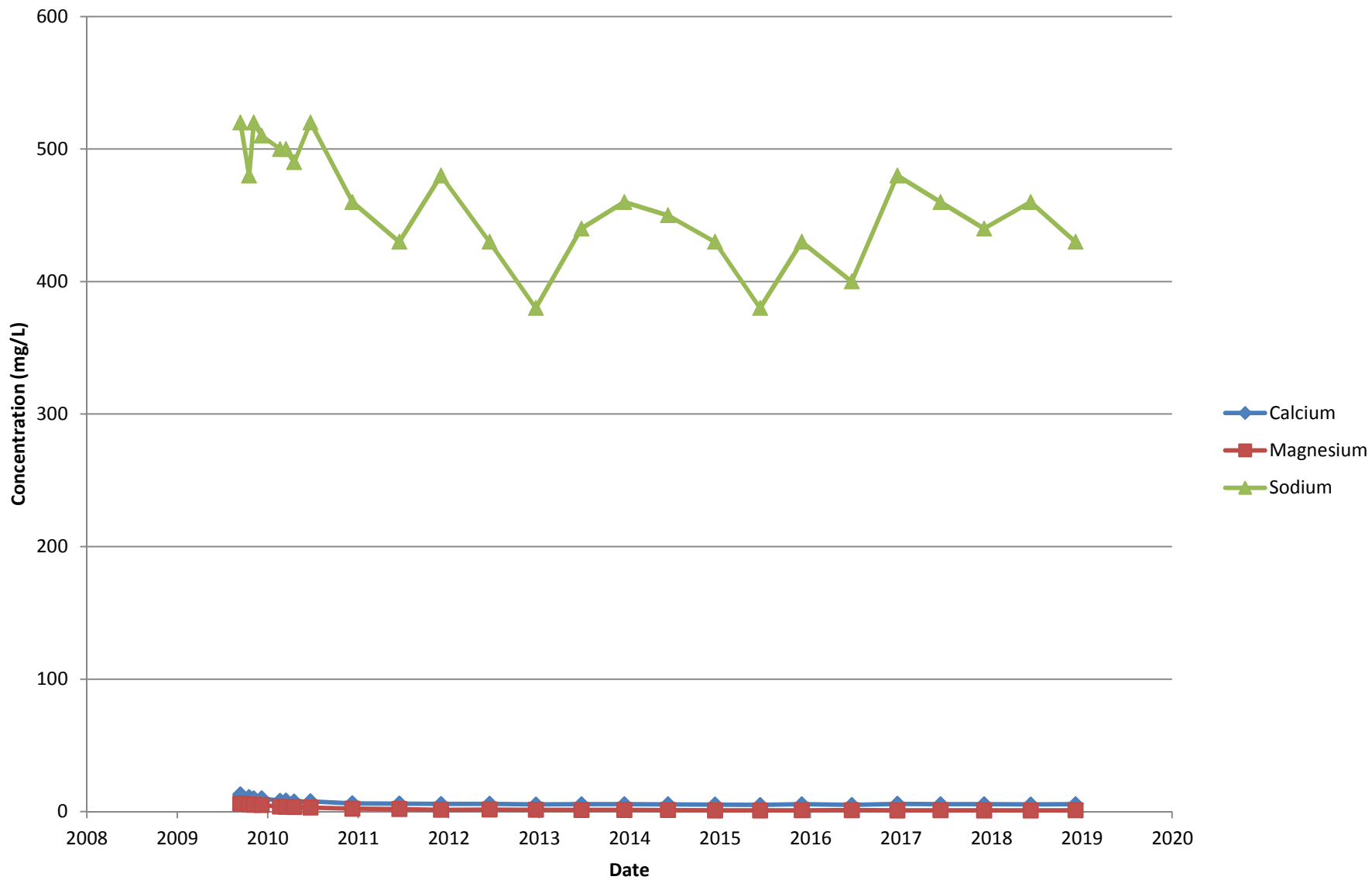
Historical Constituent Concentrations Deep Well DW-5



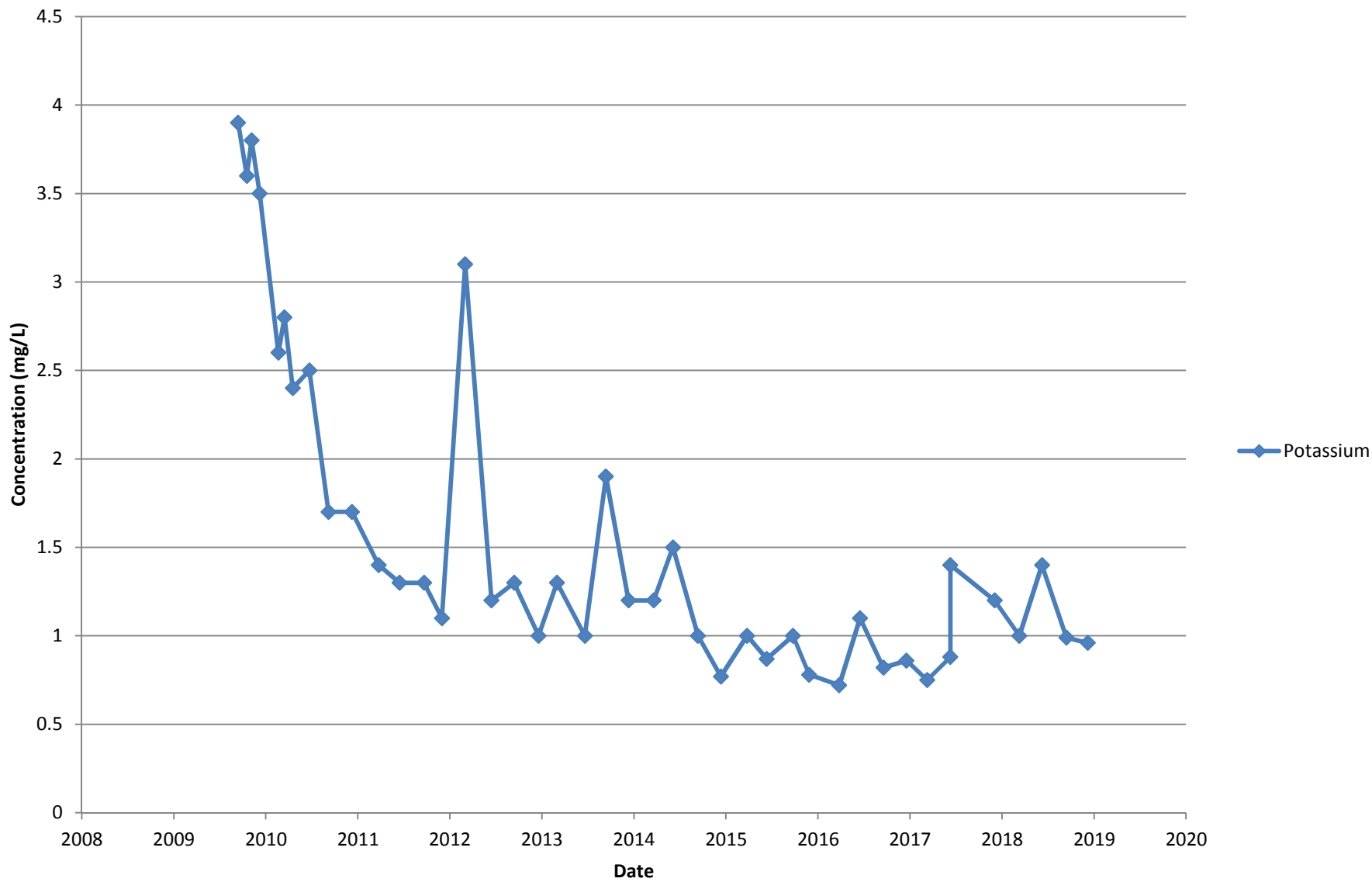
Historical Constituent Concentrations Deep Well DW-5



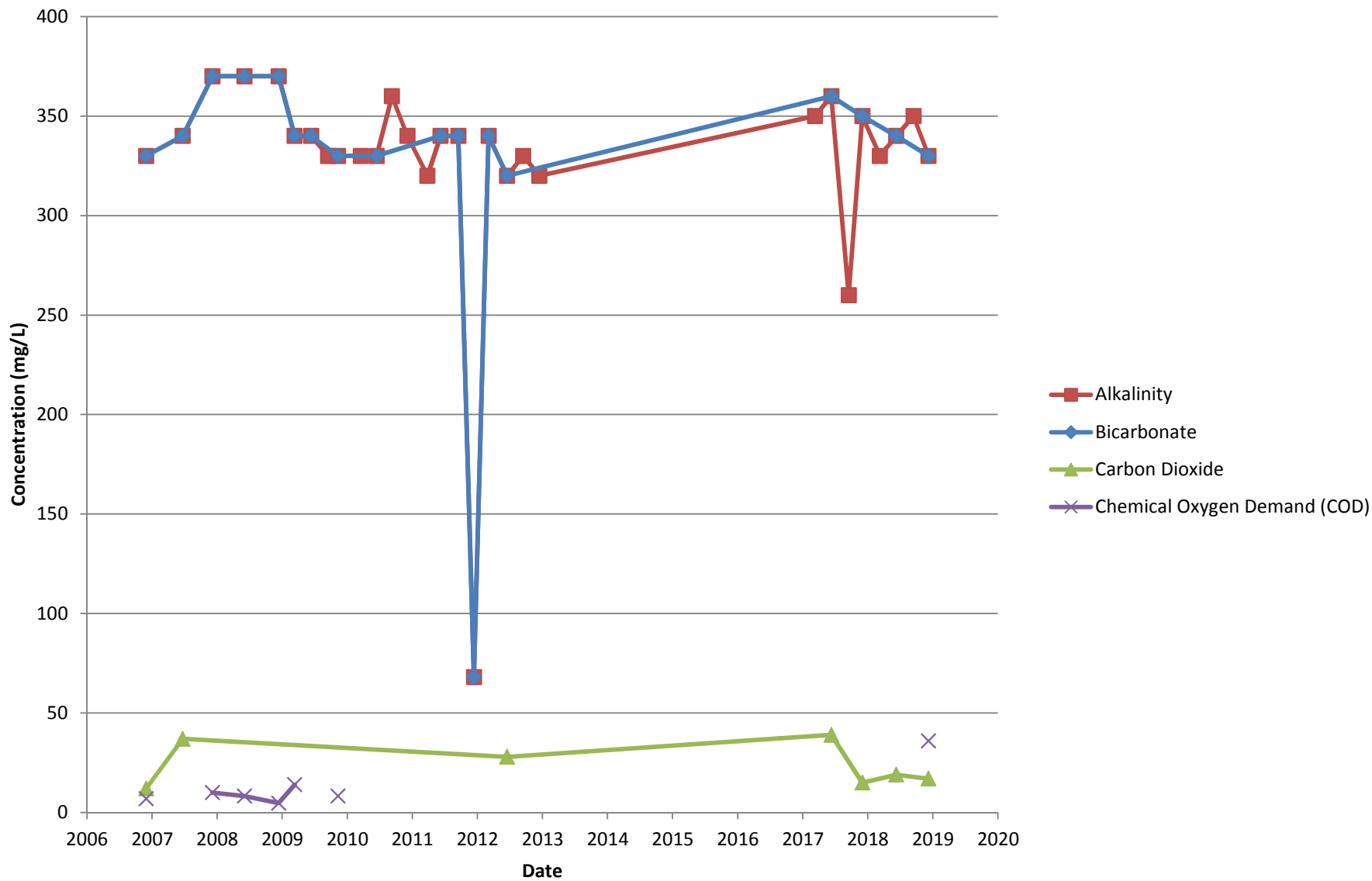
Historical Constituent Concentrations Deep Well DW-4



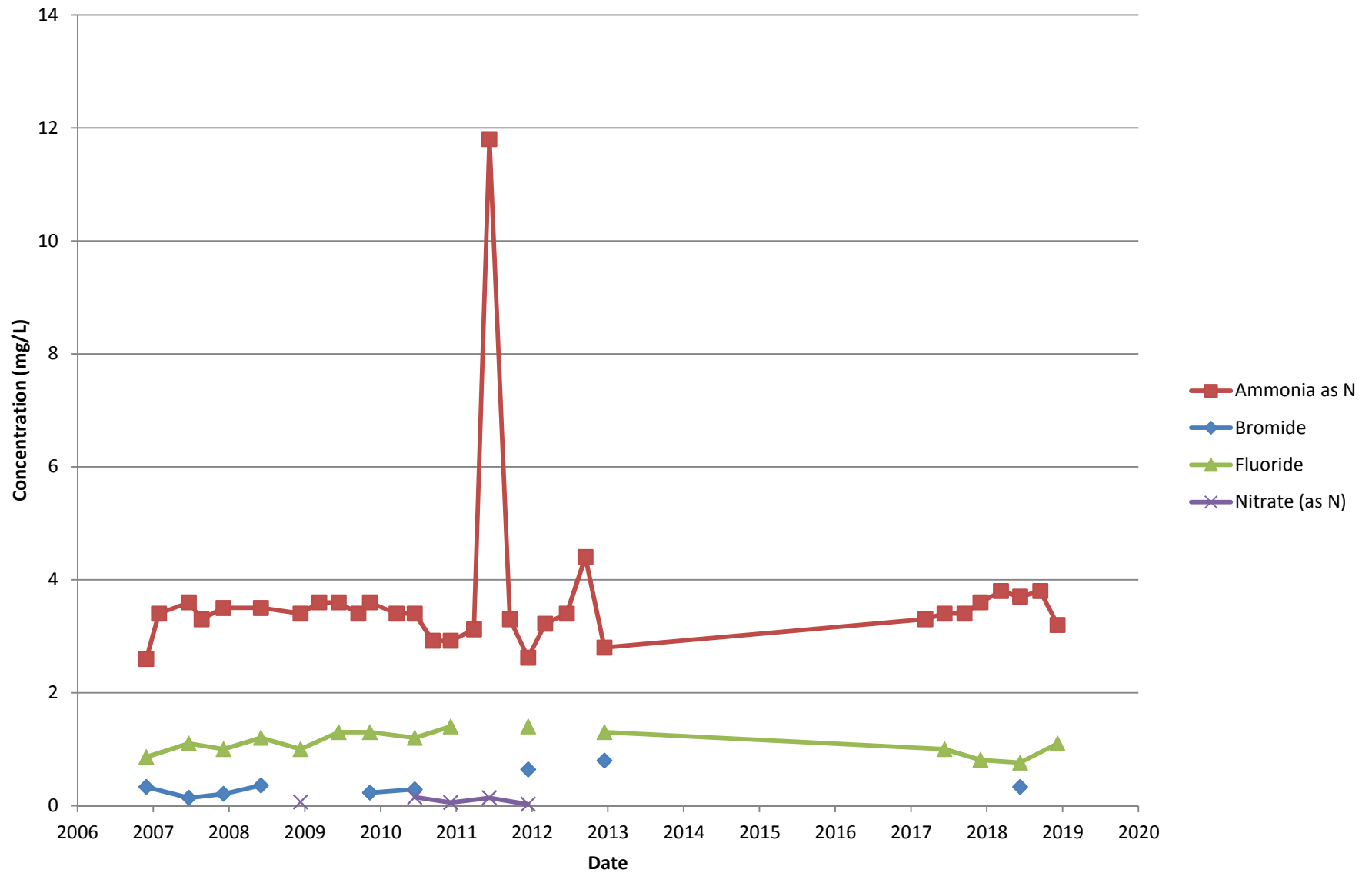
Historical Constituent Concentrations Deep Well DW-5



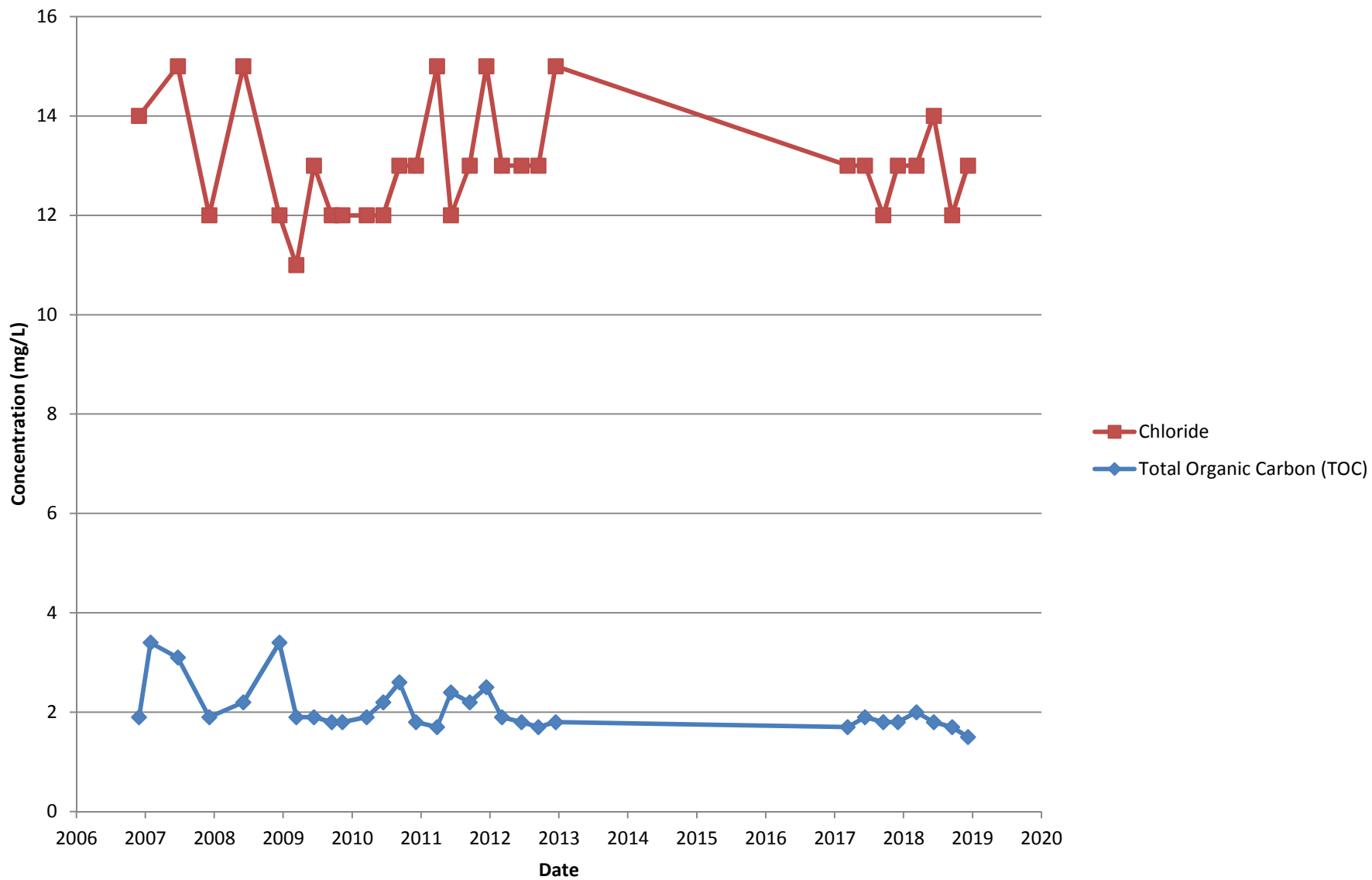
Historical Constituent Concentrations Deep Well MW-2B



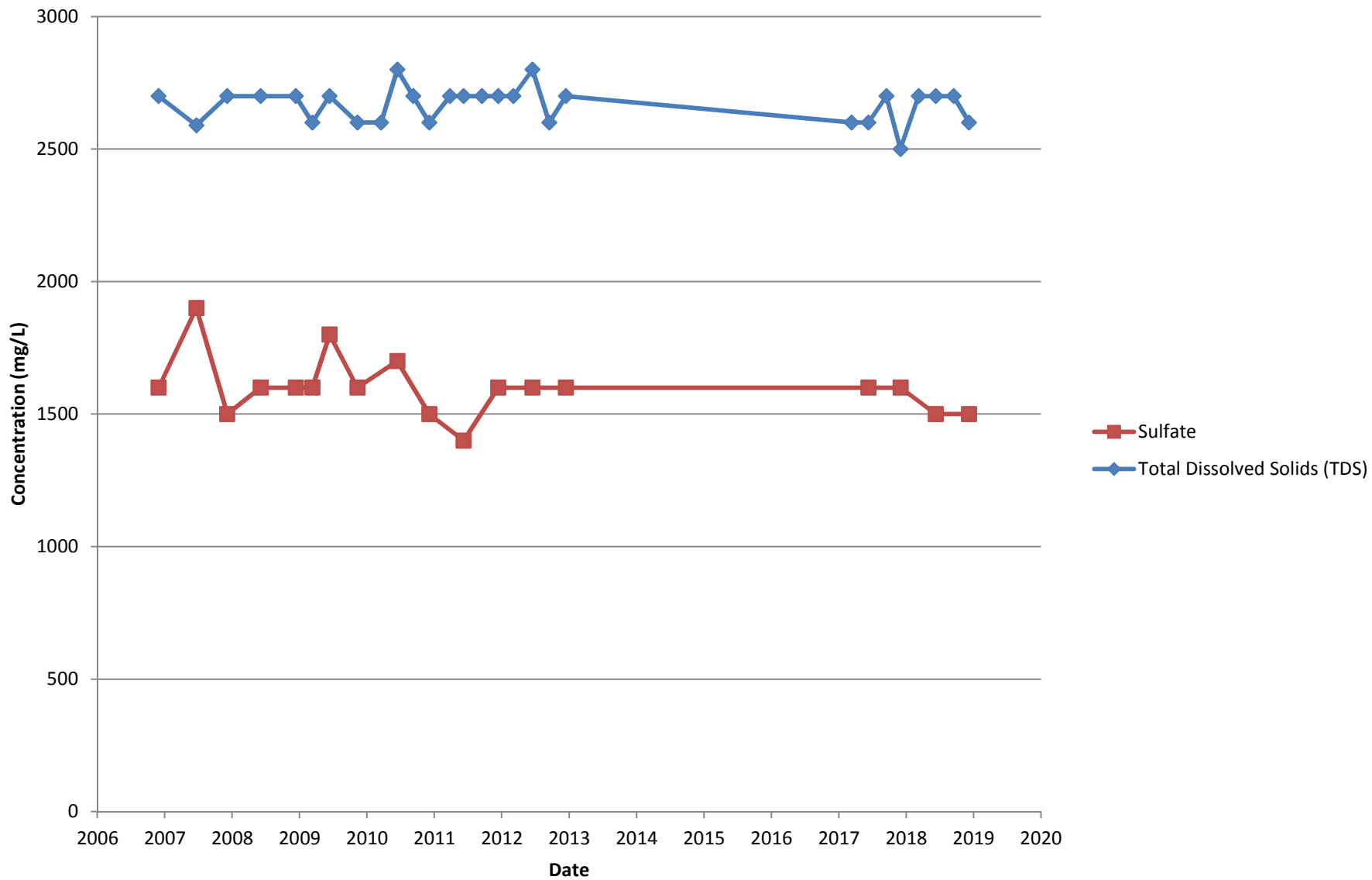
Historical Consituent Concentrations Deep Well MW-2B



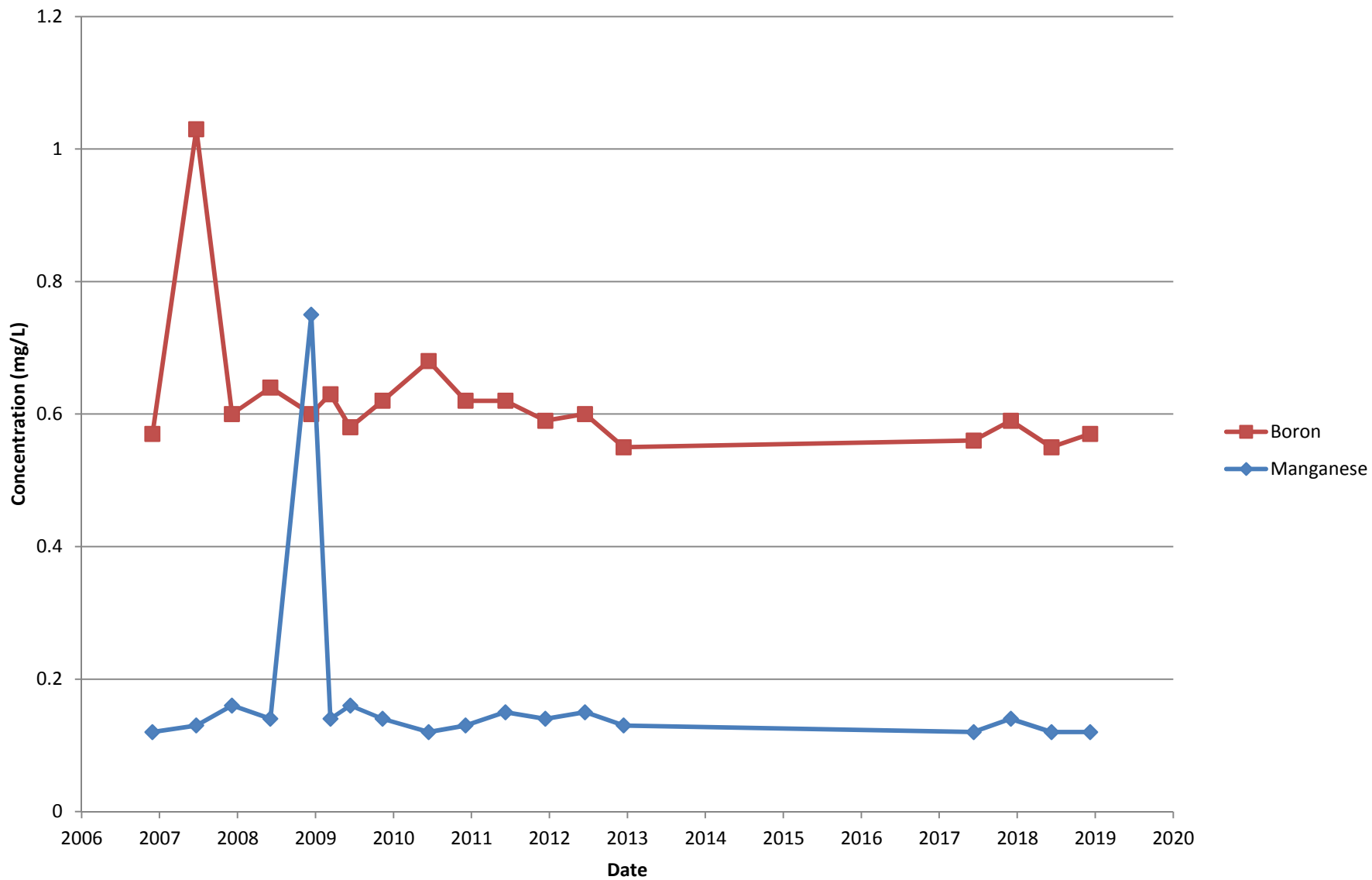
Historical Constituent Concentrations Deep Well MW-2B



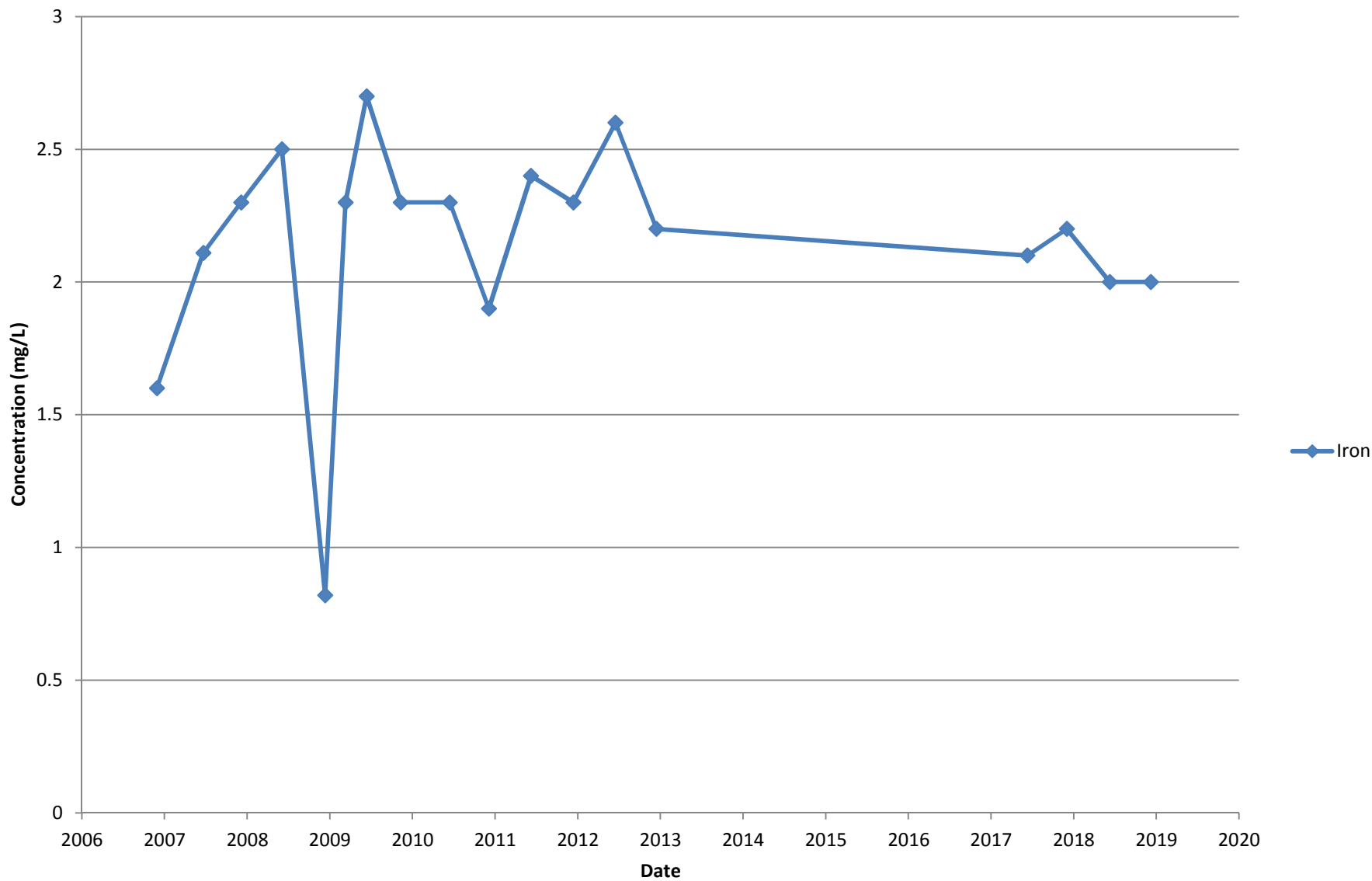
Historical Constituent Concentrations Deep Well MW-2B



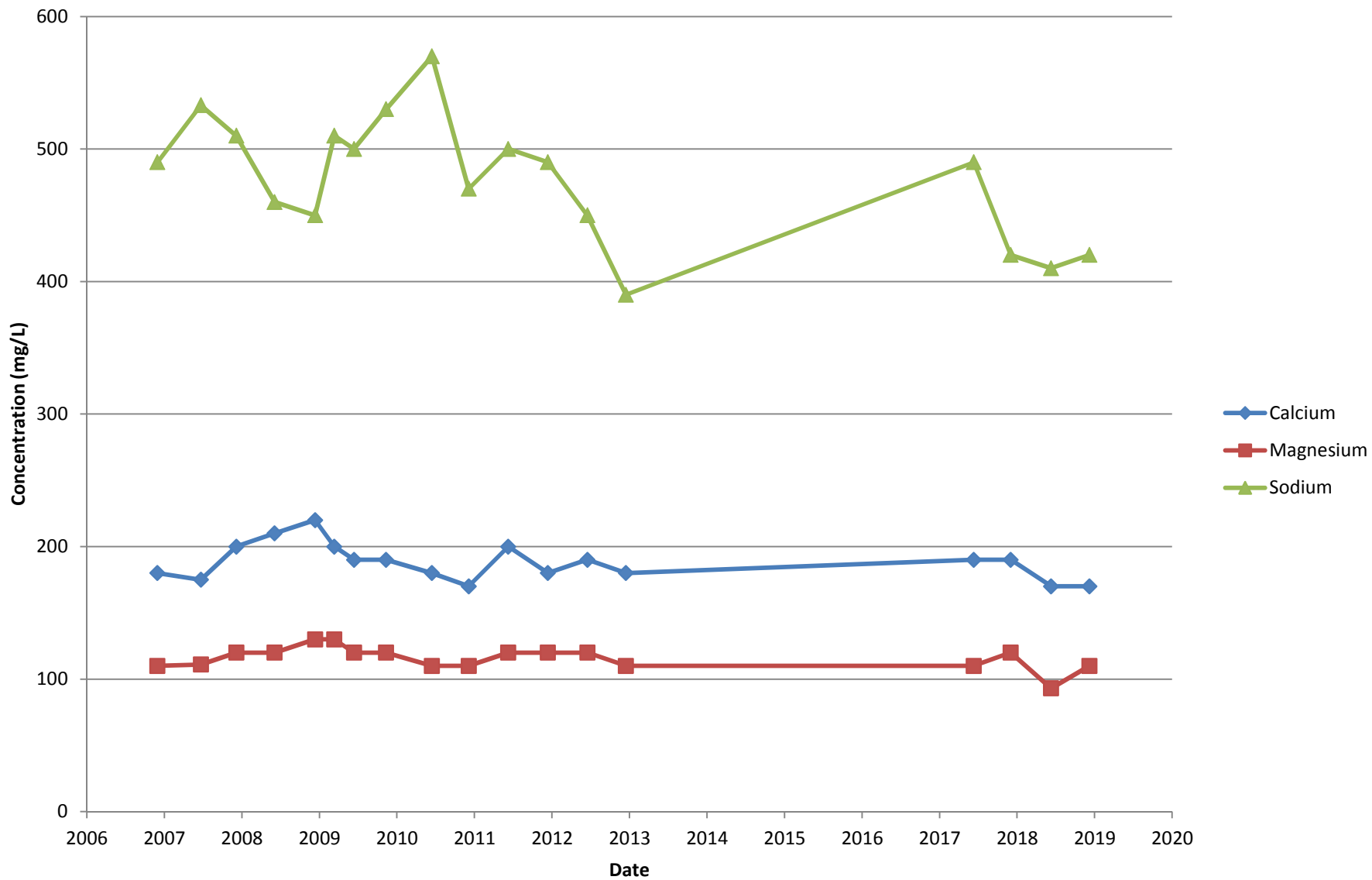
Historical Constituent Concentrations Deep Well MW-2B



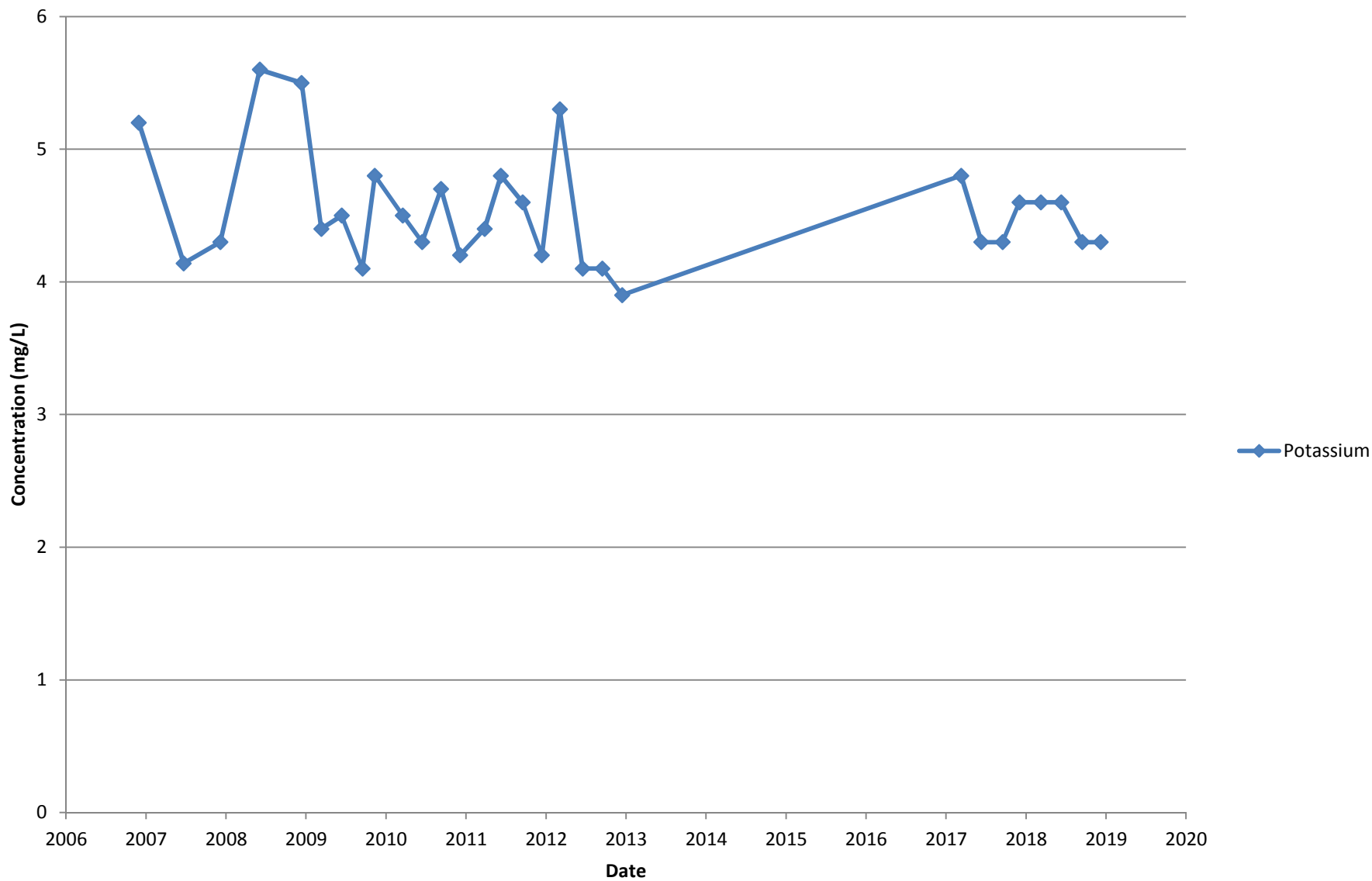
Historical Constituent Concentrations Deep Well MW-2B



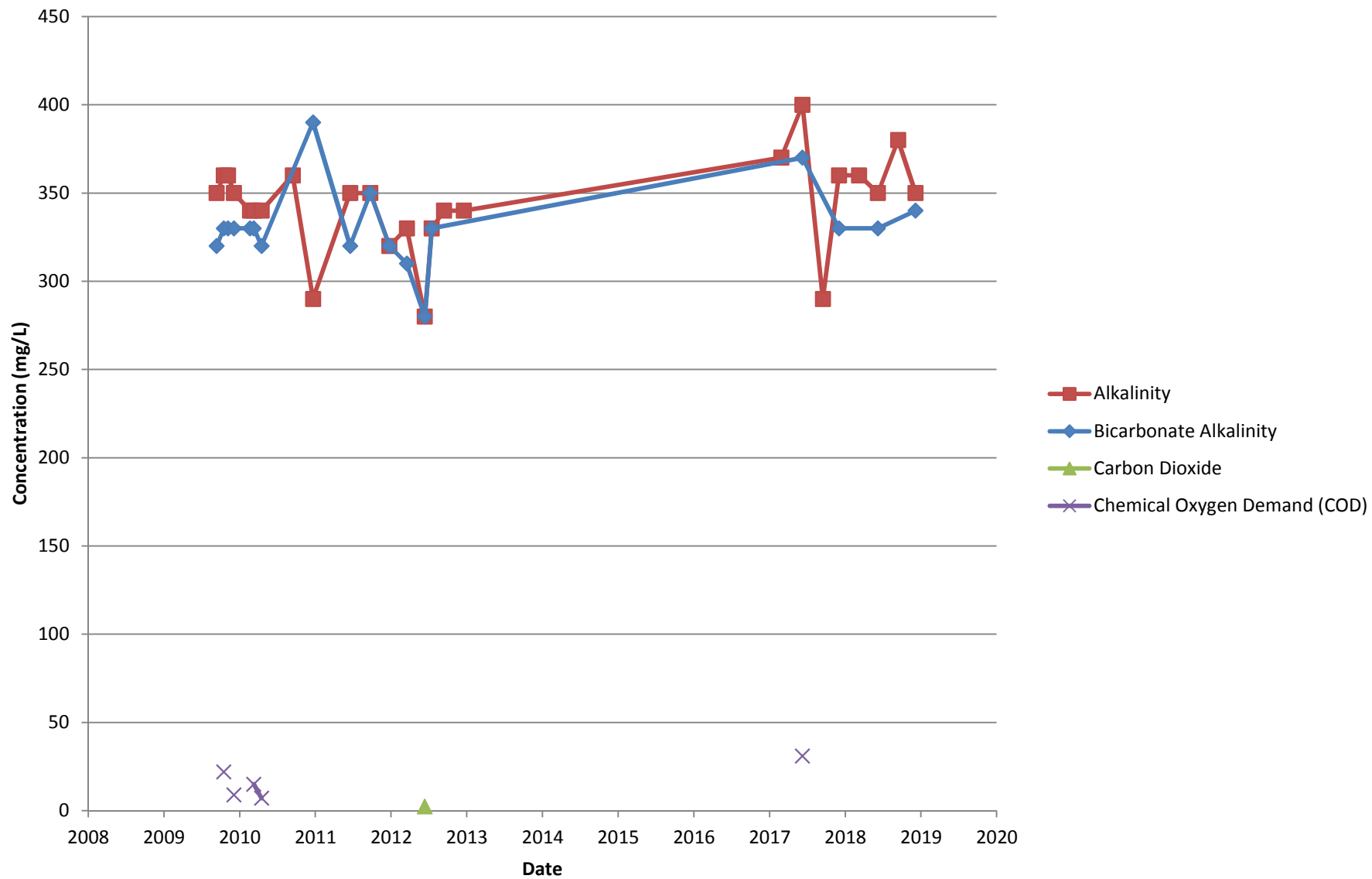
Historical Constituent Concentrations Deep Well MW-2B



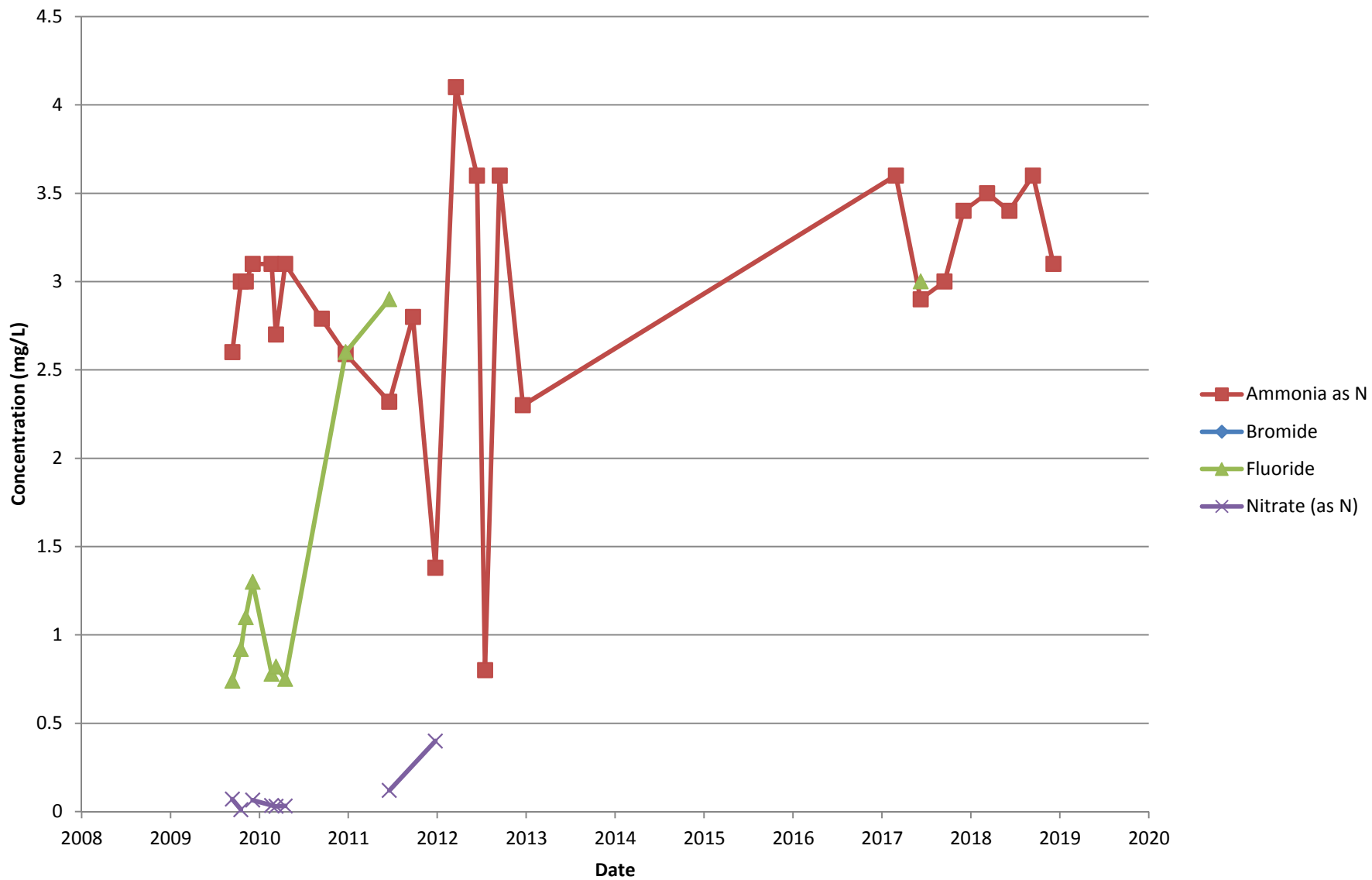
Historical Constituent Concentrations Deep Well MW-2B



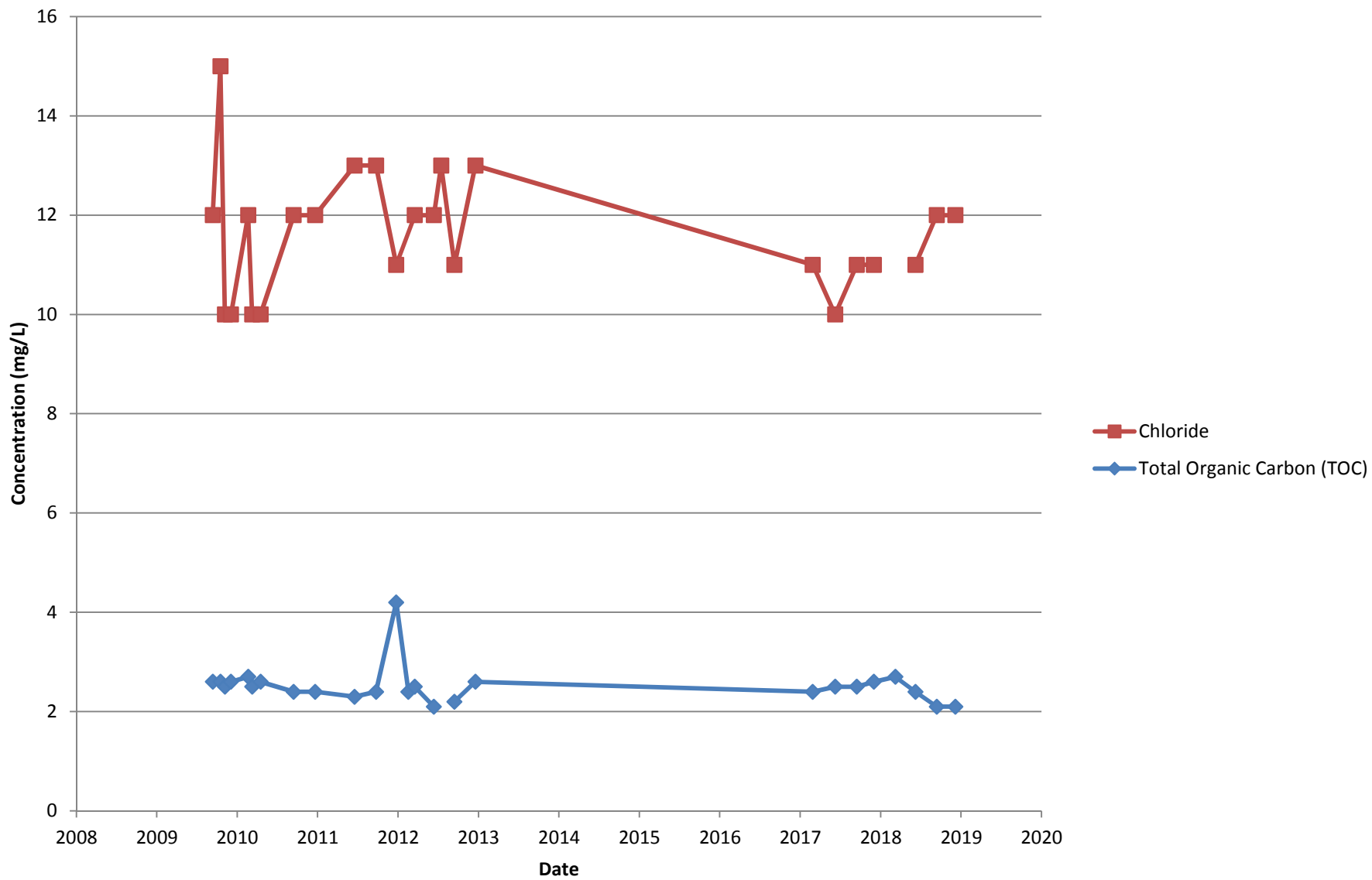
Historical Constituent Concentrations Deep Well PZ-2



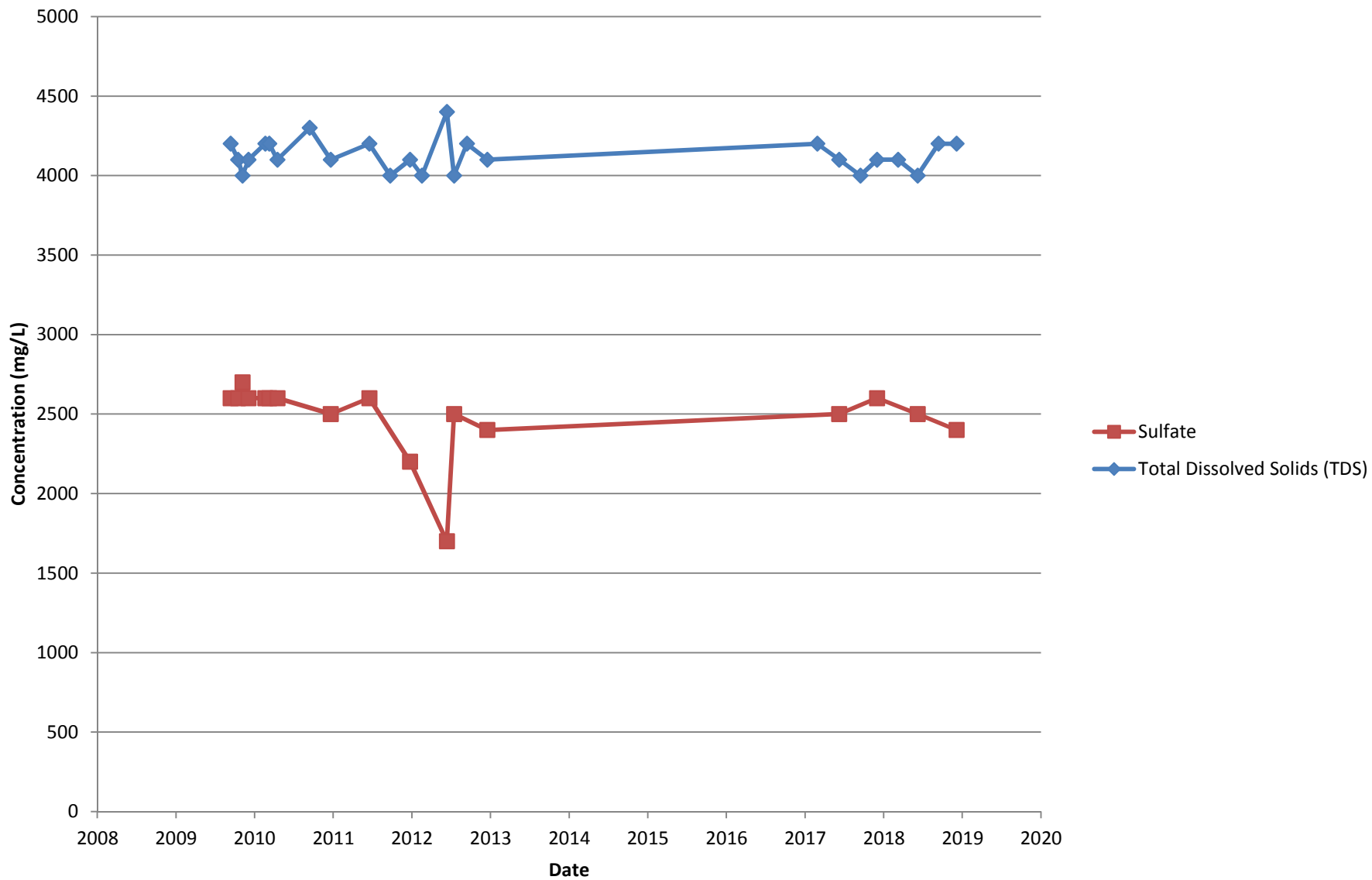
Historical Constituent Concentrations Deep Well PZ-2



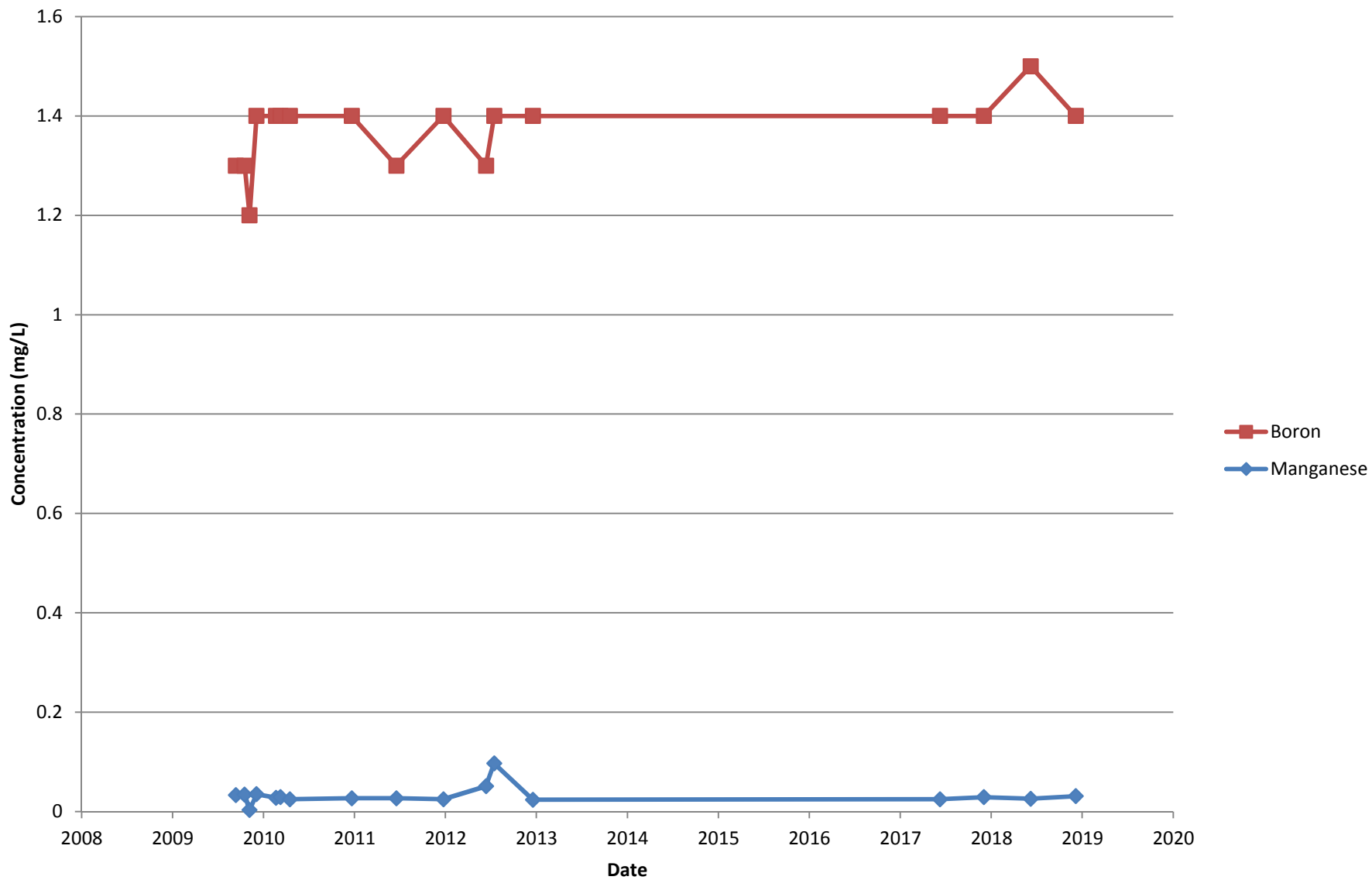
Historical Constituent Concentrations Deep Well PZ-2



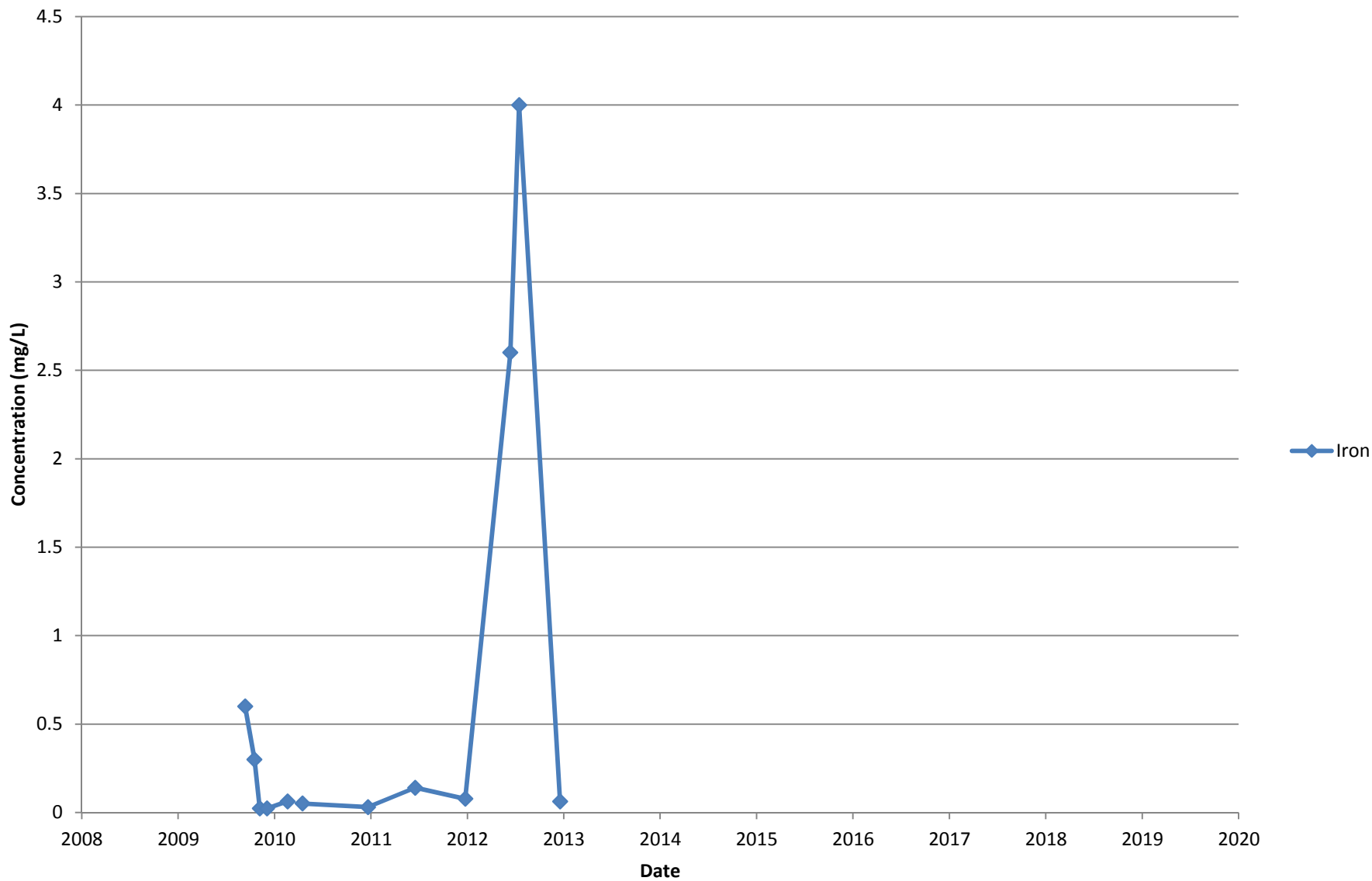
Historical Constituent Concentrations Deep Well PZ-2



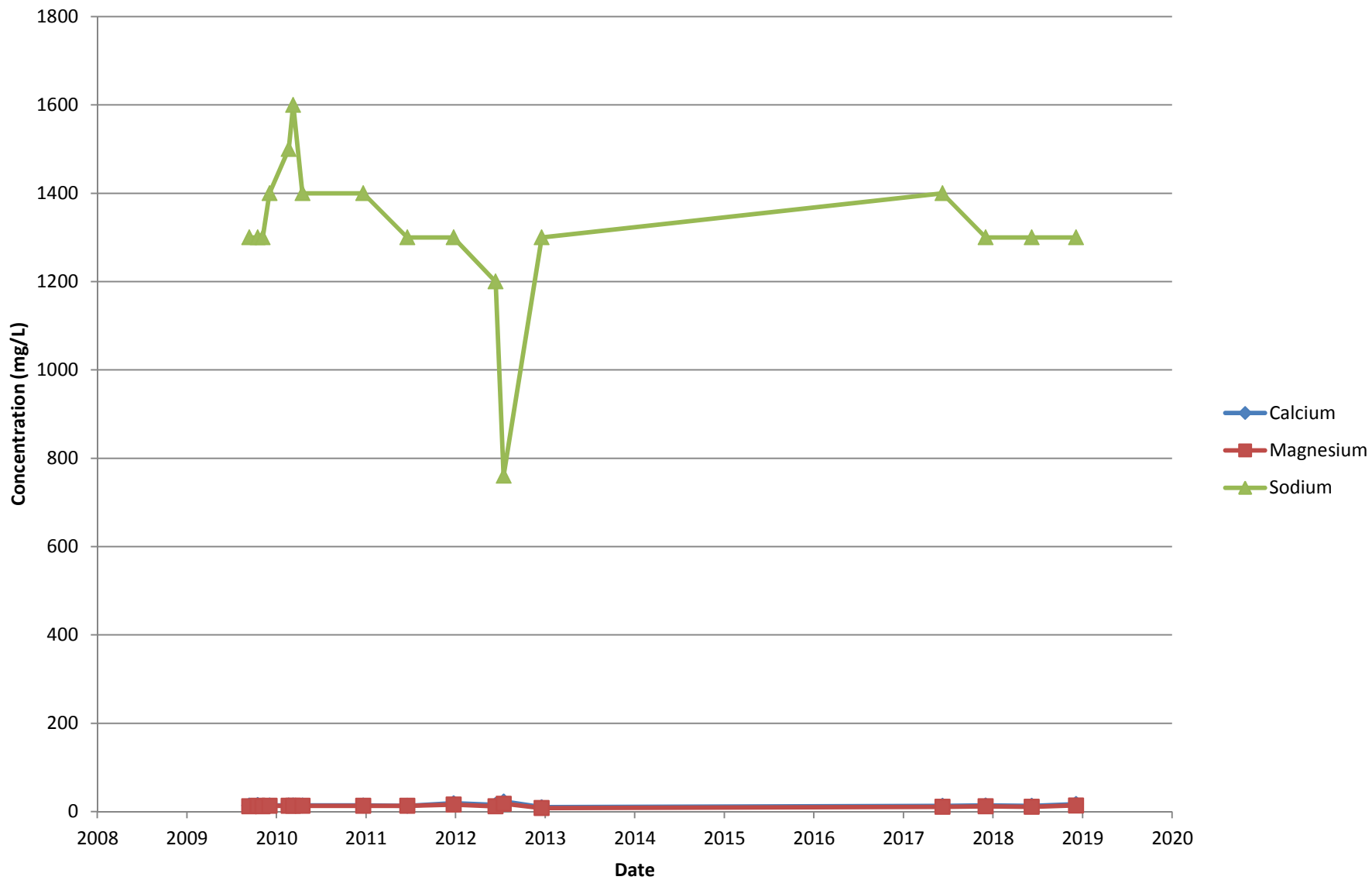
Historical Constituent Concentrations Deep Well PZ-2



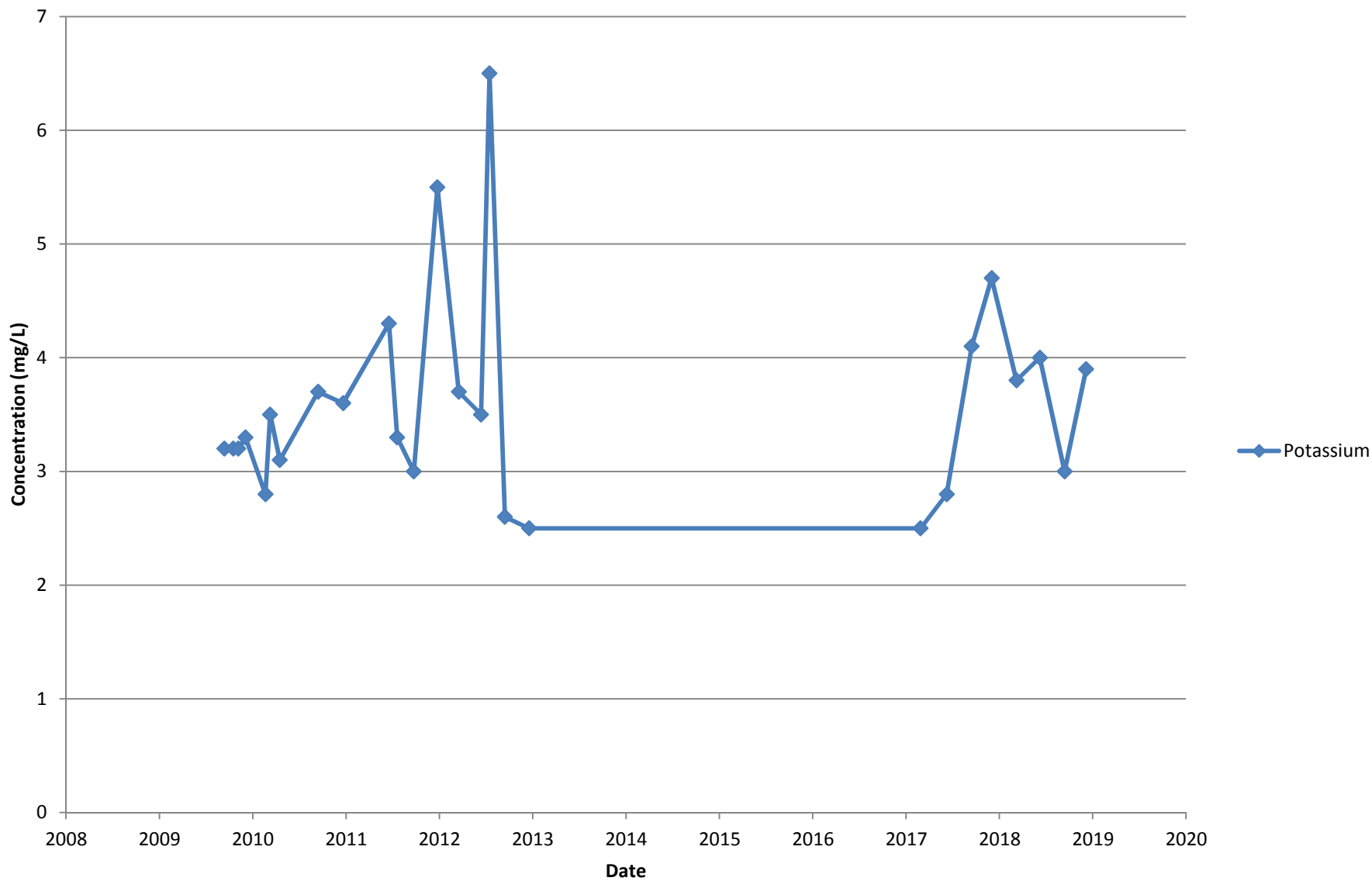
Historical Constituent Concentrations Deep Well PZ-2



Historical Constituent Concentrations Deep Well PZ-2



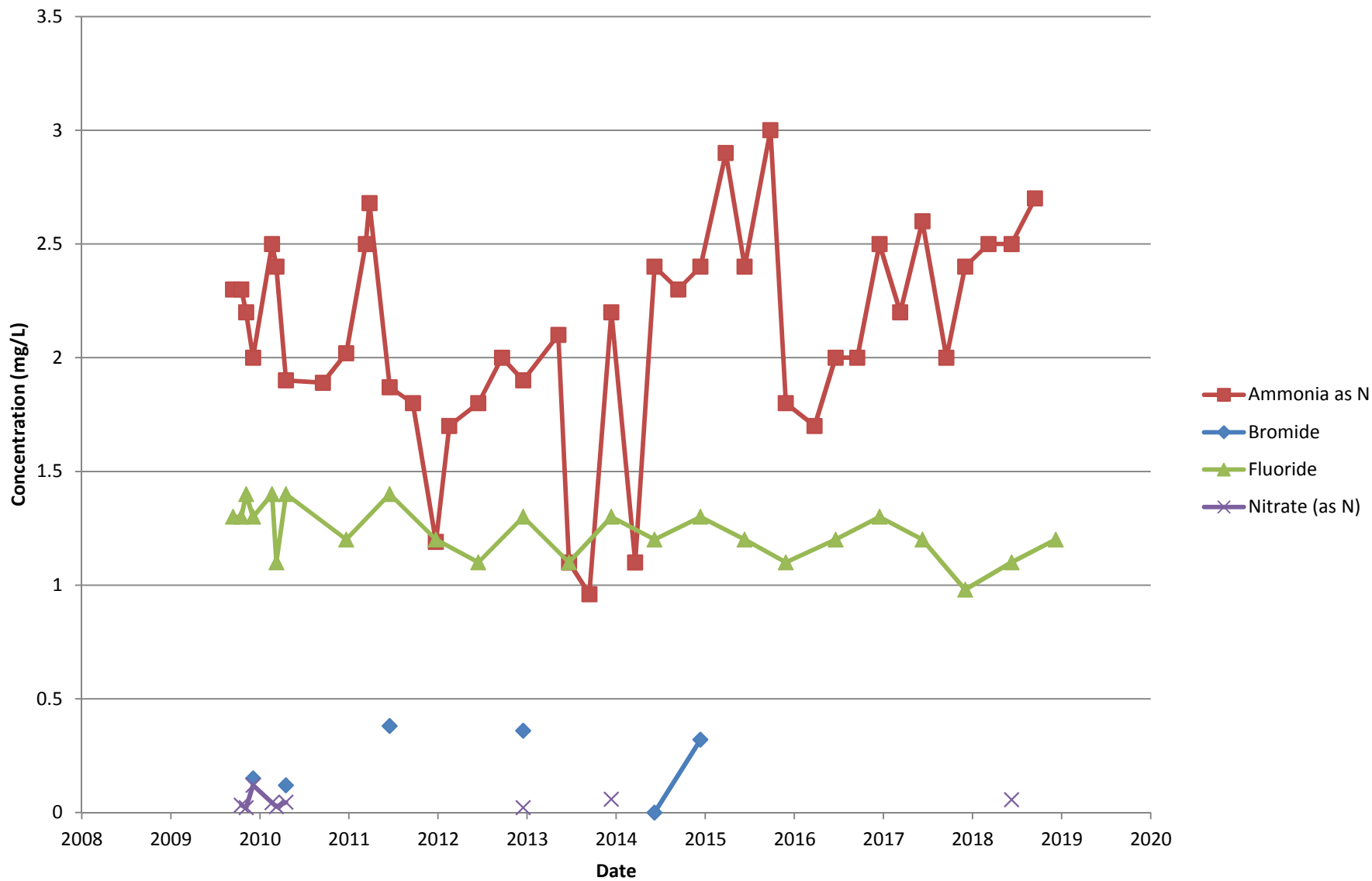
Historical Constituent Concentrations Deep Well PZ-2



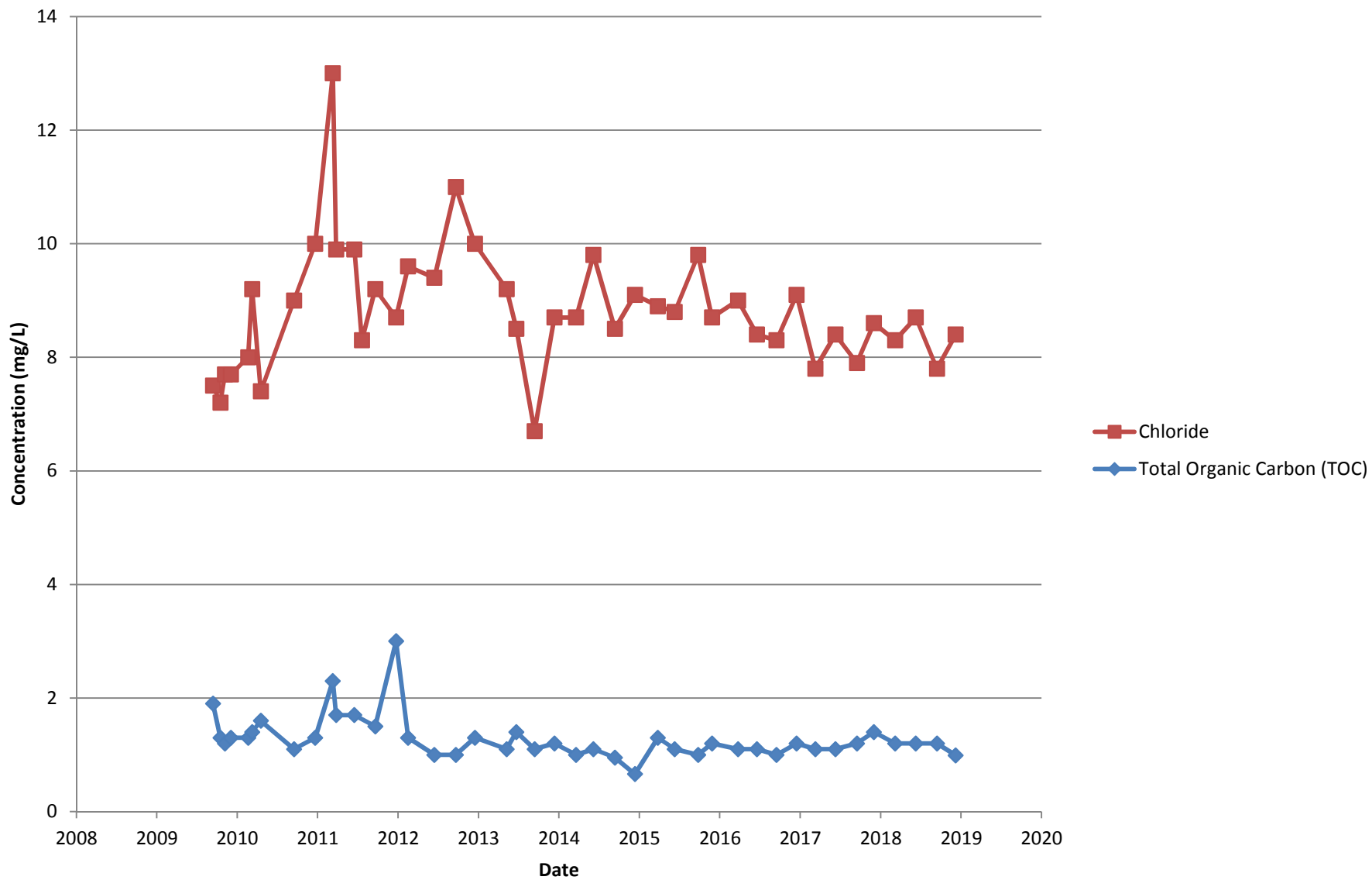
Historical Constituent Concentrations Deep Well PZ-4



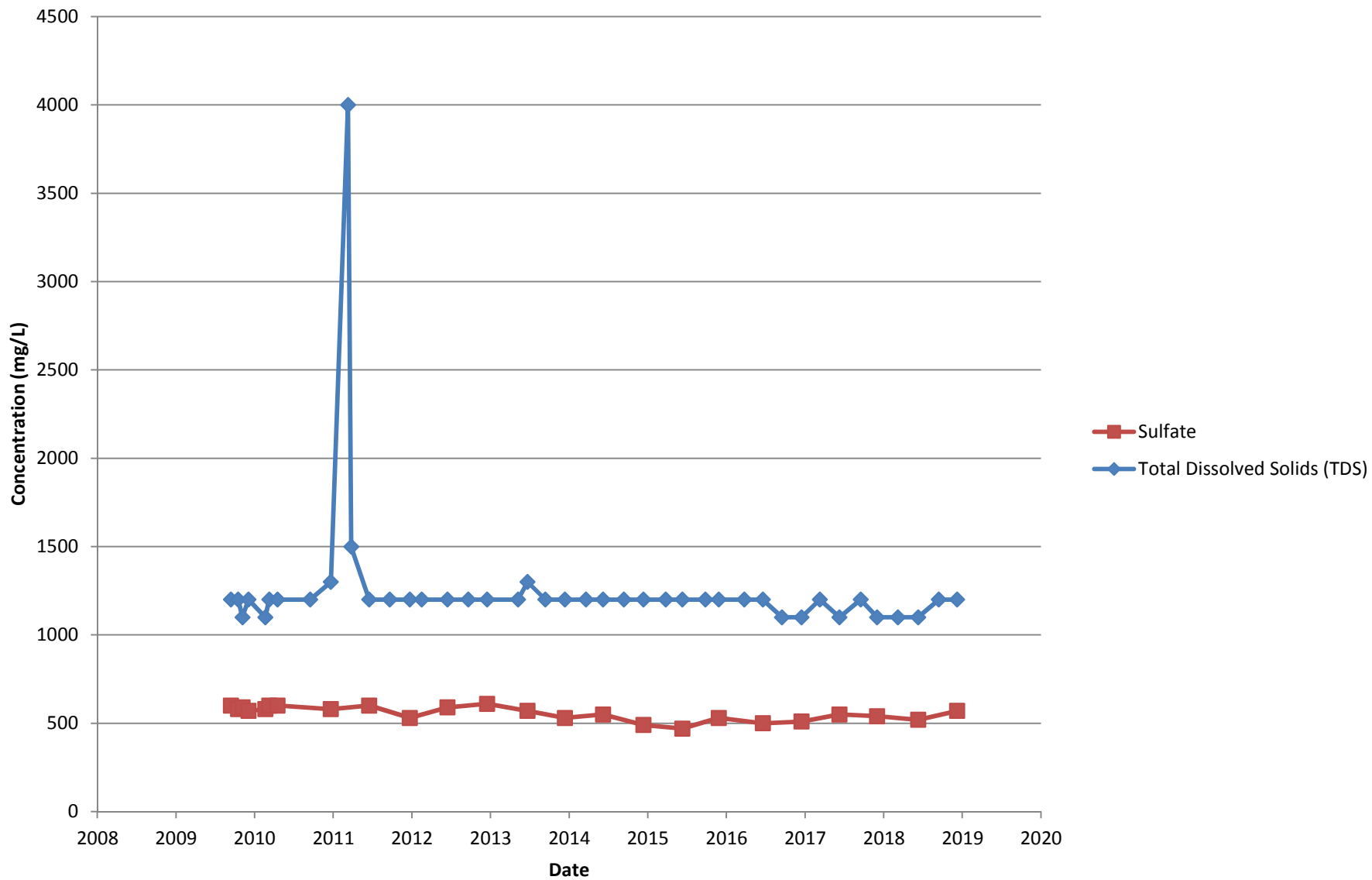
Historical Constituent Concentrations Deep Well PZ-4



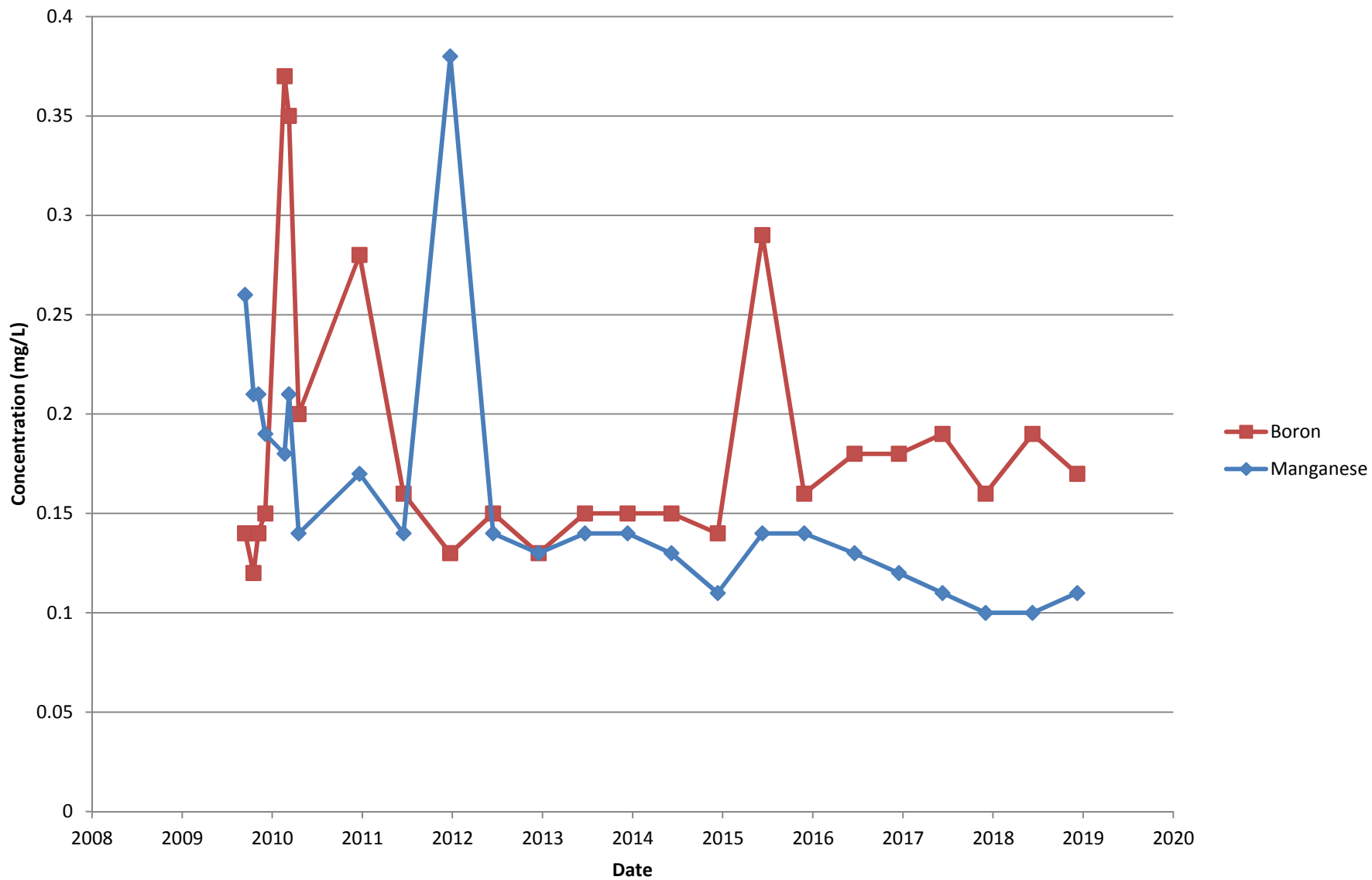
Historical Constituent Concentrations Deep Well PZ-4



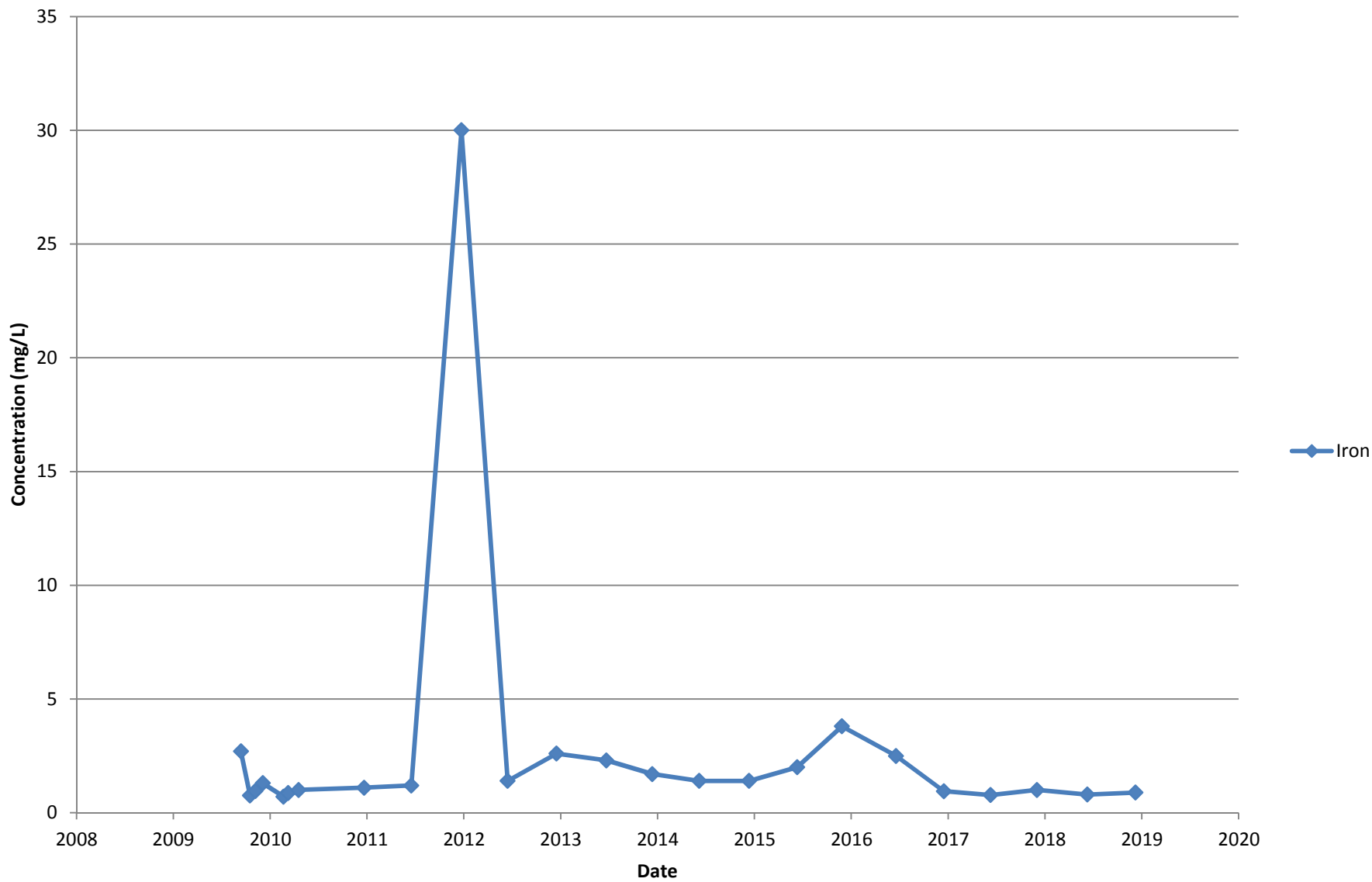
Historical Constituent Concentrations Deep Well PZ-4



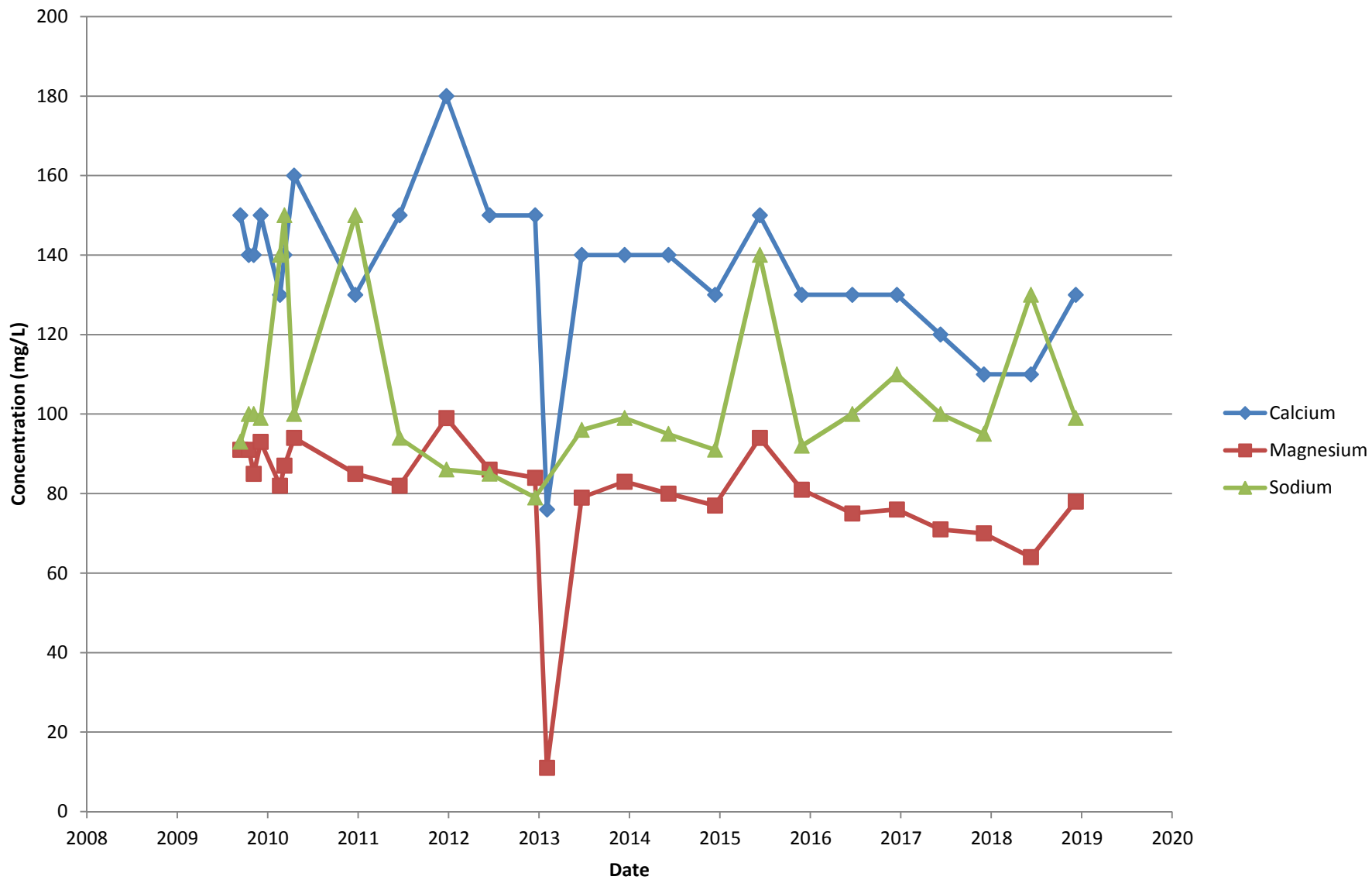
Historical Constituent Concentrations Deep Well PZ-4



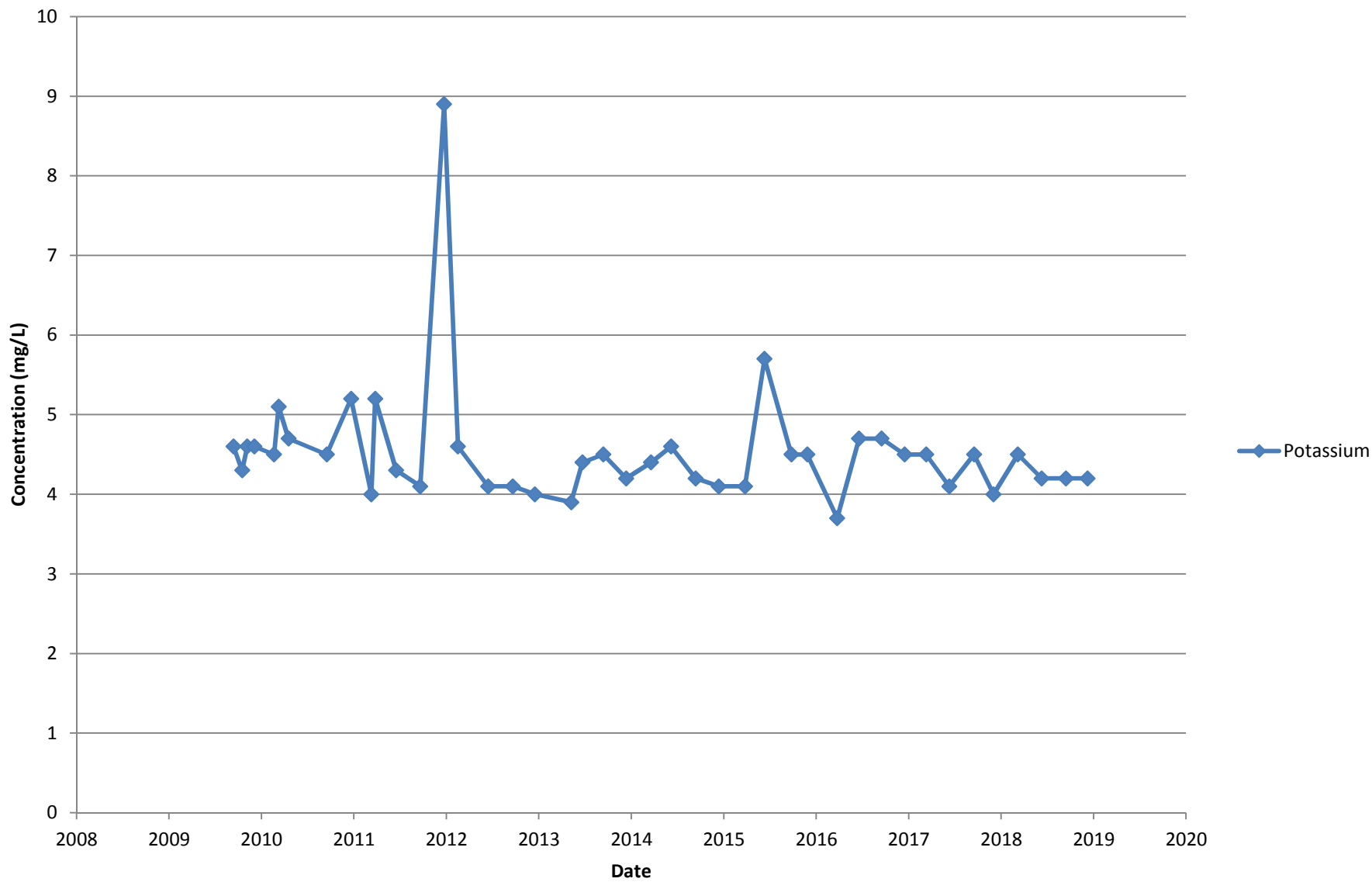
Historical Constituent Concentrations Deep Well PZ-4



Historical Constituent Concentrations Deep Well PZ-4



Historical Constituent Concentrations Deep Well PZ-4



APPENDIX I

TABULATED ANALYTICAL DATA

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-1**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	June 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sep 2016	Dec 2016	Mar 2017	June 2017	Sep 2017	Dec 2017	Mar 2018	June 2018	Sep 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen	mg/L	0.0	0.80	2.6	5.17	5.36	0.72	4.04	0.59	0.61	1.37	1.08	1.00	2.53	3.52	3.21	2.14	2.14	1.66	1.96	2.68	2.86	0.64	0.00	1.64	
Oxidation-Reduction Potential	mV	-181	-146	-159	-176	-134	-178	-143	-149	-139	-128	-148	-184	-137	-135	-145	-109	-64	-94	-119	-90	-143	-126	-157	-132	
pH	units	6.62	7.27	7.16	7.02	6.87	6.78	6.68	6.88	6.21	6.78	6.68	6.60	7.10	6.78	6.77	6.78	6.77	8.38	6.57	6.56	6.90	6.48	6.39	3.93	
Specific Conductance	µmhos/cm	2760	1720	1280	2960	3830	4080	3920	4500	1860	4650	3460	4170	4850	5390	5440	5260	6200	6090	6350	4640	4730	4080	3820	4120	
Temperature	C°	20.46	20.26	21.22	21.15	20.69	20.46	25.39	21.37	21.81	21.57	21.73	22.18	21.81	22.21	21.80	21.59	22.09	21.61	21.6	21.61	21.27	20.16	21.78	20.32	
Turbidity	NTU	24.5	63.9	62	7.4	15.9	3.3	4.9	2.3	3.8	3.1	4.7	5.6	4.7	0.9	7.8	39.7	1.68	119	49.1	3.2	12.8	16.6	61.4	7.8	
GENERAL CHEMISTRY																										
Alkalinity	mg/L	380	270	270	500	560	630	710	670	790	710	680	670	640	680	680	700	640	700	550	700	690	600	660	410	
Bicarbonate	mg/L	NA	NA	NA	500	NA	630	NA	670	NA	710	NA	670	NA	680	NA	700	NA	700	NA	700	NA	600	NA	410	
Ammonia as N	mg/L	1.2	2.4	0.05	3.1	3.4	3.7	3.6	3.8	4.3	3.5	6.9	3.3	3.2	2.0	3.8	3.7	2.7	3.6	2.8	3.8	4.5	3.7	5.1	3.4	
Bromide	mg/L	NA	0.88	NA	1.3	NA	2.4	NA	5.3	NA	12	NA	3.3	NA	4.6	NA	3.7	NA	4.9	NA	4.3	NA	2.3	NA	0.85	
Carbon Dioxide, Free	mg/L	NA	39	NA	160	NA	210	NA	170	NA	230	NA	200	NA	250	NA	300	NA	350	NA	95	NA	120	NA	21	
Chemical Oxygen Demand (COD)	mg/L	44	16	10	66	88	94	130	120	84	120	120	90	110	120	150	140	95	130	120	130	100	81	120	62	
Chloride	mg/L	NA	91	79	190	230	250	280	250	300	280	220	220	200	260	290	220	280	260	310	290	170	290	260	87	
Fluoride	mg/L	150	2.3	NA	2.2	NA	1.3	NA	2.6	NA	2.3	NA	2.7	NA	2.9	NA	2.5	NA	4.1	NA	1.7	NA	1.7	NA	1.9	
Nitrate (as N)	mg/L	NA	0.080	NA	0.35	NA	0.54	NA	0.11	NA	NA	0.28	NA	0.11	NA	0.11	NA	0.55	NA	0.11	NA	0.11	NA	0.11	0.11	
Sulfate	mg/L	NA	540	NA	1200	NA	1600	NA	1500	NA	1600	NA	1600	NA	1800	NA	1600	NA	1700	NA	1700	NA	1400	NA	860	
Sulfide, total	mg/L	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	NA	NA	0.020	NA	0.020	NA	0.025	NA	0.027	NA	0.027	NA	0.027	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	2300	1200	770	2400	3200	3600	3600	3600	3800	4000	3600	3500	3400	3700	3700	3400	3600	3500	3800	3700	3800	3000	3500	2000	
Total Organic Carbon (TOC)	mg/L	20	9.0	6.7	24	30	37	43	16	53	48	56	38	3.8	45	47	44	33	51	48	48	24	13	37	19	
METALS																										
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.054	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.57	NA	0.64	NA	0.93	NA	1.1	NA	1.1	NA	1.2	NA	0.99	NA	1.3	NA	1.1	NA	1.4	NA	1.2	NA	1.0	
Calcium	mg/L	NA	180	NA	320	NA	440	NA	450	NA	450	NA	410	NA	420	NA	460	NA	480	NA	460	NA	330	NA	210	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0051	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0073	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	26	NA	46	NA	65	NA	59	NA	62	NA	55	NA	60	NA	63	NA	60	NA	60	NA	44	NA	25	
Magnesium	mg/L	NA	81	NA	150	NA	190	NA	180	NA	190	NA	180	NA	210	NA	210	NA	210	NA	210	NA	150	NA	110	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Manganese	mg/L	NA	1.3	NA	2.5	NA	3.6	NA	3.1	NA	3.5	NA	3.0	NA	3.2	NA	3.6	NA	3.2	NA	3.5	NA	2.4	NA	1.4	
Potassium, total	mg/L	NA	19	NA	16	28	29	31	30	31	27	31	28	27	28	27	33	30	30	32	30	31	25	30	22	
Sodium	mg/L	NA	130	NA	180	NA	290	NA	310	NA	310	NA	320	NA	300	NA	370	NA	350	NA	350	NA	320	NA	220	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS																										
Acetone	µg/L	4.5	4.5	2.5	2.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	10	10	10	10	10	10	10	10	10	10	10	10	10	
tert-Amyl Methyl Ether	µg/L	NA	0.4	NA	NA	NA	NA	0.25	0.25	0.25	NA	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	NA	0.25	0.25	0.25	0.25	
tert-Butanol	µg/L	6.5	5	NA	8.3	8.9	9.6	15	13	20	18	12	9.0	12	18	22	20	10	19	20	21	15	5.0	5.0	5.0	
1,4-Dioxane	µg/L	17	1.5	0.95	10	10	11	16	18	27	26	19	15	15	15	19	19	12	18	16	19	21	11	17	5.3	
Methylene Chloride	µg/L	0.95	0.4	0.25	0.88	0.88	0.88	0.25	0.88	0.88	NA	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
1,4-Dioxane	µg/L	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.2	5.0	
Tetrahydrofuran	µg/L	5.0	3.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	

Note:
* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-2A**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	June 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sep 2016	Dec 2016	Mar 2017	June 2017	Sep 2017	Dec 2017	Mar 2018	June 2018	Sep 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen	mg/L	0	1.14	1.96	0.92	1.03	1.13	1.38	0.73	0.65	1.63	1.01	1.03	0.95	2.44	3.24	2.67	0.96	0.76	1.68	2.99	0.88	0.48	1.06	0.66	
Oxidation-Reduction Potential	mV	7	6.3	-7	-3	62	10	59	26	49	107	110	-58	-5	-204	-108	-119	34	-98	-76	-30	-83	-100	-61	-62	
pH	units	6.64	7.09	6.99	6.74	6.86	6.83	6.56	6.43	5.84	6.59	6.92	7.17	7.44	7.39	6.99	7.19	7.57	7.99	6.98	7.29	6.78	6.10	5.82	6.88	
Specific Conductance	umhos/cm	3140	3290	3350	3250	3380	3100	3290	3380	6650	3230	2620	3040	3870	4050	4130	4100	4080	4580	4530	3280	3350	3190	3090	3180	
Temperature	C°	23.89	25.76	30.38	22.7	19.5	24.19	25.05	24.04	22.67	25.36	27.81	23.18	21.95	24.23	22.63	20.59	21.32	22.83	22.21	22.37	20.92	23.06	23.67	20.81	
Turbidity	NTU	113	0.0	1.6	0.2	0.0	0.0	1.6	0.0	0.0	0.4	0.0	7.6	11.1	12.5	3.4	5.3	1.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	
GENERAL CHEMISTRY																										
Alkalinity	mg/L	310	320	360	360	330	330	340	330	350	310	330	510	360	380	380	360	260	350	270	330	330	340	360	330	
Alkalinity, Bicarbonate	mg/L	NA	320	NA	360	NA	330	NA	330	NA	310	NA	510	NA	380	NA	360	NA	350	NA	330	NA	340	NA	330	
Ammonia as N	mg/L	3.4	1.2	0.05	0.75	0.46	1.3	1.0	1.6	2.7	1.4	2.6	0.16	1.0	2.1	2.9	3.2	0.10	1.8	2.8	3.4	0.10	3.2	2.8	2.8	
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromide	mg/L	NA	0.35	NA	1.6	NA	0.80	NA	13	NA	NA	1.8	NA	NA	0.51	NA	0.50	NA	NA	0.58	NA	0.50	NA	0.33	NA	
Carbon Dioxide, Free	mg/L	NA	56	NA	51	NA	81	NA	60	NA	55	NA	86	NA	84	NA	72	NA	44	NA	49	NA	48	NA	45	
Chemical Oxygen Demand (COD)	mg/L	16	16	10	10	10	20	39	10	10	10	10	36	31	34	37	16	20	10	10	10	10	10	10	13	
Chloride	mg/L	12	15	15	15	14	15	64	32	25	13	40	57	23	18	17	15	200	19	15	14	13	15	15	14	
Fluoride	mg/L	NA	1.4	NA	1.3	NA	0.91	NA	13	NA	1.8	NA	2.5	NA	1.5	NA	1.8	NA	1.3	NA	0.98	NA	1.1	NA	0.96	
Nitrate (as N)	mg/L	11	0.82		0.84	NA	0.85	NA	0.81	NA	0.77	NA	0.28	NA	0.055	NA	0.11	NA	0.18	NA	0.11	NA	0.055	NA	0.11	
Sulfate	mg/L	NA	1600	NA	1600	NA	1700	NA	1400	NA	1400	NA	1900	NA	1500	NA	1600	NA	1500	NA	1600	NA	1500	NA	1500	
Sulfide, total	mg/L	NA	NA	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	2700	2800	2700	2700	2600	2700	2700	2600	2800	2600	2600	3200	2700	2600	2600	2500	2200	2600	2700	2500	2600	2700	2600	2600	
Total Organic Carbon (TOC)	mg/L	3.0	3.4	2.9	2.7	2.1	2.7	2.6	2.4	4.4	2.3	2.4	12	3.8	5.1	3.5	3.8	6.9	3.0	2.6	2.4	3.1	2.8	2.3	2.2	
METALS																										
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	0.61	NA	0.65	NA	0.58	NA	0.61	NA	0.58	NA	0.80	NA	0.54	NA	0.60	NA	0.55	NA	0.49	NA	0.55	NA	0.57	
Calcium	mg/L	NA	230	NA	220	NA	200	NA	220	NA	210	NA	350	NA	210	NA	230	NA	230	NA	180	NA	200	NA	200	
Iron	mg/L	NA	0.18	NA	0.96	NA	0.45	NA	0.17	NA	0.29	NA	9.0	NA	35	NA	23	NA	0.37	NA	2.9	NA	9.1	NA	3.6	
Magnesium	mg/L	NA	130	NA	130	NA	110	NA	120	NA	120	NA	140	NA	110	NA	120	NA	120	NA	110	NA	110	NA	120	
Manganese	mg/L	NA	0.52	NA	0.58	NA	0.40	NA	0.34	NA	0.41	NA	2.6	NA	1.8	NA	1.2	NA	0.46	NA	0.45	NA	0.44	NA	0.45	
Potassium, total	mg/L	5.4	5.4	6.0	5.0	5.7	5.4	5.4	5.4	5.2	5.2	5.2	12	6.2	5.5	5.0	5.9	9.3	5.4	5.1	4.3	5.3	5.4	5.1	4.9	
Sodium	mg/L	NA	470	NA	440	NA	430	NA	460	NA	440	NA	450	NA	410	NA	420	NA	430	NA	330	NA	380	NA	370	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS:																										
1,4-Dioxane	ug/L	0.32	0.33	0.33	0.34	0.54	0.53	0.26	2.0	1.0	0.25	0.25	2.6	0.52	1.7	0.24	0.24	0.25	0.25	0.26	0.26	0.25	0.25	0.26	0.26	
Chloromethane	ug/L	0.25	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.66	0.25	0.25	0.25	0.25	0.25	0.25	0.25	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-2B**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen (DO)	mg/L	0	0.78	2.24	1.19	0.62	1.37	1.40	0.68	0.43	3.39	1.60	1.27	2.98	3.73	3.77	7.98	2.49	0.76	1.26	2.38	0.73	0.59	0.82	0.63	
Oxidation-Reduction Potential	mV	-156	-144	-151	-81	-169	-112	-122	-125	-132	-118	-128	-122	-119	-113	-114	-171	-111	-158	-109	-127	-164	-190	-145	-189	
pH	units	7.23	7.80	7.65	7.51	7.17	7.59	7.28	7.03	6.51	7.28	7.70	7.66	7.50	7.29	7.57	7.37	7.55	8.12	7.15	7.65	7.59	6.96	6.61	7.54	
Specific Conductance	umhos/cm	3250	3320	3380	3300	3390	3250	3340	3410	5640	2800	2790	2720	3880	4000	4040	4100	4570	4680	4500	3290	3340	3220	3080	3260	
Temperature	C°	21.67	22.56	23.33	21.91	19.76	21.65	23.25	22.35	21.35	22.10	23.62	21.48	21.08	22.21	22.29	21.37	21.74	21.91	22.13	22.34	21.69	21.47	22.52	20.45	
Turbidity	NTU	1	0.5	0.1	0.0	0.1	0.0	1.6	0.0	0.0	0.0	0.0	0.0	4.5	6.2	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	
GENERAL CHEMISTRY																										
Alkalinity	mg/L	310	330	400	380	350	340	350	320	350	320	340	340	350	340	350	350	350	360	260	350	330	340	350	330	
Alkalinity, Bicarbonate	mg/L														340	NA	350	NA	360	NA	350	NA	340	NA	330	
Ammonia as N	mg/L	3.60	3.50	0.05	3.40	3.5	4.0	3.6	3.8	4.2	3.8	5.7	3.0	1.0	1.9	3.2	3.5	3.3	3.4	3.4	3.6	3.8	3.7	3.8	3.2	
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bicarbonate	mg/L	NA	330	NA	380	NA	340	NA	320	NA	320	NA	340	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromide	mg/L	NA	0.35	NA	1.3	NA	0.80	NA	0.50	NA	1.3	NA	0.57	NA	0.42	NA	0.50	NA	0.50	NA	0.50	NA	0.33	NA	0.50	
Carbon Dioxide	mg/L	NA	NA	NA	28	NA	39	NA	30	NA	33	NA	21	NA	39	NA	35	NA	39	NA	15	NA	19	NA	17	
Chemical Oxygen Demand (COD)	mg/L	NA	16	10	10	10	24	35	10	10	10	10	10	10	10	34	10	10	10	10	10	10	10	10	10	
Chloride	mg/L	12	15	13	14	14	14	64	13	13	12	39	14	15	15	14	12	13	13	12	13	13	14	12	13	
Fluoride	mg/L	NA	1.3	NA	1.3	NA	0.50	NA	1.1	NA	1.6	NA	1.5	NA	1.1	NA	1.6	NA	1.0	NA	0.81	NA	0.76	NA	1.1	
Nitrate (as N)	mg/L	NA	0.16	NA	0.28	NA	0.11	NA	0.11	NA	0.28	NA	0.11	NA	0.42	NA	0.11	NA	0.11	NA	0.11	NA	0.055	NA	0.11	
Sulfate	mg/L	NA	1700	NA	1500	NA	1600	NA	1500	NA	1400	NA	1700	NA	1500	NA	1600	NA	1600	NA	1600	NA	1500	NA	1500	
Sulfide	mg/L	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	NA	NA	0.020	NA	0.022	NA	0.027	NA	0.027	NA	0.027	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	2600	2800	2700	2800	2600	2700	2600	2300	2600	2600	2700	2700	2700	2500	2600	2600	2600	2600	2600	2700	2500	2700	2700	2600	
Total Organic Carbon (TOC)	mg/L	1.7	1.9	2.0	1.9	2.0	2.0	1.6	1.6	1.9	1.7	1.7	2.0	1.7	2.1	1.8	1.9	1.7	1.9	1.8	1.8	2.0	1.8	1.7	1.5	
METALS																										
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.59	NA	0.58	NA	0.59	NA	0.56	NA	0.57	NA	0.62	NA	NA	NA	0.58	NA	0.56	NA	0.59	NA	0.55	NA	0.57	
Calcium	mg/L	NA	220	NA	200	NA	190	NA	190	NA	190	NA	200	NA	NA	NA	190	NA	190	NA	190	NA	170	NA	170	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0069	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	4.3	NA	2.3	NA	2.2	NA	2.2	NA	2.3	NA	2.7	NA	0.010	NA	3.0	NA	2.1	NA	2.2	NA	2.0	NA	2.0	
Magnesium	mg/L	NA	120	NA	120	NA	110	NA	110	NA	120	NA	110	NA	0.010	NA	110	NA	110	NA	120	NA	93	NA	110	
Manganese	mg/L	NA	0.13	NA	0.14	NA	0.14	NA	0.13	NA	0.13	NA	0.13	NA	0.010	NA	0.13	NA	0.12	NA	0.14	NA	0.12	NA	0.12	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	4.8	4.8	5.5	4.1	4.2	4.8	4.2	4.4	4.2	4.6	4.6	4.3	3.4	0.25	NA	4.0	4.6	4.8	4.3	4.3	4.6	4.6	4.3	4.3	
Sodium	mg/L	NA	500	NA	470	NA	470	NA	470	NA	480	NA	490	NA	0.25	NA	450	NA	490	NA	420	NA	410	NA	420	
VOLATILE ORGANIC COMPOUNDS: ND																										
1,4-Dioxane	µg/L	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	1.8	0.24	0.24	0.27	0.24	0.25	0.25	0.25	0.25	0.25	0.25	
Chloromethane	µg/L	0.40	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.51	0.25	0.25	0.25	0.25	0.25	0.25	0.25	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-5**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Nov ^R 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	Jun 2017	Sep 2017	Dec 2017	Mar 2018	Jun 2018	Sep 2018	Dec 2018	
FIELD PARAMETERS																											
Dissolved Oxygen (DO)	mg/L	0.0	0.82	10.87	1.08	1.37	1.44	2.30	13.76	0.73	0.58	2.43	0.86	0.78	2.08	4.36	0.88	0.85	2.31	1.39	1.20	1.27	1.42	1.38	0.68	0.68	
Oxidation-Reduction Potential	mV	-128	-126	-118	-87	-124	-100	-90	-100	-109	-109	-102	-117	-139	-95	-96	-51	-54	-76	-38	-71	86	73	52	-124	-188	
pH	units	6.58	7.21	7.13	7.08	7.32	6.95	7.10	6.86	6.79	6.10	6.91	6.72	6.60	7.05	6.87	6.39	6.64	6.95	8.32	6.56	6.18	6.30	6.22	6.45	7.26	
Specific Conductance	µmhos/cm	3630	3610	3480	3460	3210	3070	2860	2880	3220	5980	3700	2970	3810	4600	5130	3630	3940	5250	5750	5930	4400	4610	4140	3450	4150	
Temperature	°C	19.56	19.96	20.25	19.53	20.15	19.54	19.81	21.59	19.82	21.24	20.59	21.03	20.54	21.11	21.24	21.45	20.80	21.90	21.05	21.86	20.83	20.74	21.28	21.86	20.71	
Turbidity	NTU	13.2	9.9	2.2	10.3	3.1	4.2	3.5	15.4	3.1	0.0	3.4	2.3	10.1	4.7	12.8	2.5	3.4	7.4	14.3	9.9	7.3	1.3	3.8	1.9	38.2	
GENERAL CHEMISTRY																											
Alkalinity	mg/L	580	590	620	NA	620	540	540	510	470	520	490	560	590	610	640	630	640	620	740	510	680	680	670	650	700	
Bicarbonate	mg/L	NA	590	NA	NA	620	NA	540	NA	470	NA	490	NA	590	NA	640	NA	640	NA	740	NA	680	NA	670	NA	700	
Ammonia as N	mg/L	4.30	4.30	0.05	NA	4.1	1.9	4.4	4.2	4.5	4.3	4.7	8.9	5.0	4.2	3.3	4.9	6.6	6.0	4.9	5.6	9.6	7.3	7.5	5.9	5.2	
Bromide	mg/L	NA	2.2	NA	NA	3.2	NA	2.3	NA	2.0	NA	7.8	NA	3.5	NA	4.4	NA	2.4	NA	3.4	NA	3.9	NA	3.7	NA	2.7	
Carbon Dioxide, Free	mg/L	NA	88	NA	NA	130	NA	110	NA	70	NA	130	NA	130	NA	200	NA	190	NA	230	NA	86	NA	150	NA	92	
Chemical Oxygen Demand (COD)	mg/L	64	65	56	NA	64	46	63	86	61	62	58	84	76	94	88	98	66	86	110	86	73	81	82	76	99	
Chloride	mg/L	160	140	130	NA	180	140	150	140	170	190	210	210	200	220	260	160	130	160	260	260	270	280	240	190	230	
Fluoride	mg/L	NA	2.2	NA	NA	3.4	NA	2.4	NA	2.4	NA	2.1	NA	2.6	NA	3.0	NA	3.2	NA	2.7	NA	2.0	NA	2.2	NA	2.7	
Nitrate (as N)	mg/L	NA	0.16	NA	NA	0.47	NA	0.11	NA	0.11	NA	0.11	NA	0.11	NA	0.12	NA	0.11	NA	0.28	NA	0.11	NA	0.11	NA	0.28	
Sulfate	mg/L	NA	1500	NA	NA	1300	NA	1000	NA	1000	NA	1300	NA	1400	NA	1700	NA	1500	NA	1700	NA	1700	NA	1700	NA	1400	
Sulfide	mg/L	NA	0.02	NA	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027	
Total Dissolved Solids (TDS)	mg/L	3200	3100	2900	NA	2800	2400	2300	2400	2400	2800	3000	3100	3200	3300	3400	3200	3100	3300	3600	3800	3600	3700	3600	3300	3500	
Total Organic Carbon (TOC)	mg/L	27	25	24	NA	19	29	20	20	20	28	27	32	31	39	36	32	26	29	34	35	34	36	36	27	26	
METALS																											
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	1.1	NA	NA	1.0	NA	1.0	NA	1.0	NA	1.0	NA	0.96	NA	0.94	NA	1.0	NA	1.0	NA	0.99	NA	1.2	NA	1.30	
Calcium	mg/L	NA	420	NA	NA	330	NA	270	NA	310	NA	390	NA	410	NA	430	NA	430	NA	480	NA	450	NA	450	NA	400	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0076	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	28	NA	NA	15	NA	12	NA	12	NA	16	NA	17	NA	19	NA	19	NA	21	NA	21	NA	23	NA	32	
Magnesium	mg/L	NA	170	NA	NA	140	NA	120	NA	130	NA	170	NA	170	NA	200	NA	190	NA	200	NA	210	NA	210	NA	190	
Manganese	mg/L	NA	5.90	NA	NA	4.6	NA	3.2	NA	3.4	NA	4.2	NA	4.2	NA	4.4	NA	4.8	NA	4.9	NA	4.8	NA	5.4	NA	4.8	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.027	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	24	23	20	NA	22	21	21	19	21	23	23	26	24	27	27	28	30	28	29	28	29	27	30	28	29	
Sodium	mg/L	NA	320	NA	NA	270	NA	240	NA	250	NA	240	NA	240	NA	250	NA	270	NA	300	NA	270	NA	300	NA	310	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS																											
Acetone	µg/L	4.5	4.5	5.3	4.5	2.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	10	10	10	10	10	10	10	10	10	10	10	10	10	
1,4-Dioxane	µg/L	13.0	5.9	6.6	NA	5.8	4.3	3.0	4.4	6.9	11	9.9	14	15	16	15	13	11	11	15	12	15	20	19	13	9.1	
Methylene Chloride	µg/L	0.95	0.95	0.50	NA	ND	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
t-Butanol	µg/L	6.5	6.5	5.0	NA	5.0	5.0	5.0	5.0	5.9	5.0	5.0	12	6.5	7.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-6**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018
FIELD PARAMETERS																									
Dissolved Oxygen (DO)	mg/L	0	0.70	0.85	1.63	1.02	0.68	2.11	0.75	0.69	0.95	0.76	1.06	10.99	1.00	3.05	1.73	0.78	1.09	1.10	2.92	1.41	0.54	2.19	0.00
Oxidation-Reduction Potential	mV	-365	-309	-322	-349	-306	-340	-316	-329	-364	-339	-349	-368	-329	-356	-340	-309	-278	-242	-254	-264	-279	-301	-349	-342
pH	units	7.27	7.27	5.85	7.53	7.47	7.37	6.98	7.19	6.31	7.10	6.87	6.67	7.50	6.79	7.23	7.02	6.78	8.59	6.93	7.2	7.37	7.04	6.86	7.10
Specific Conductance	µmhos/cm	3750	3870	3690	3810	3810	3650	3670	4270	5390	5060	2960	3790	4370	3490	4270	3920	4120	6030	5320	4220	3700	3490	3510	3720
Temperature	C°	23.66	23.23	28.00	24.13	23.00	25.14	26.09	18.79	23.51	26.23	25.1	24.61	22.62	25.93	25.88	23.45	23.96	22.74	23.11	16.59	23.18	22.45	25.98	23.56
Turbidity	NTU	0.0	1.3	0.0	0.7	1.2	0.0	2.4	1.5	0.0	0.9	3.1	2.5	8.5	0.6	12.1	12.9	1.6	2.2	7.4	0.0	9.6	0.0	0.0	0.0
GENERAL CHEMISTRY																									
Alkalinity	mg/L	440	460	470	510	490	460	450	440	470	410	450	450	500	430	480	400	480	520	450	450	460	450	430	430
Alkalinity, bicarbonate	mg/L	NA	460	NA	510	NA	460	NA	440	NA	410	NA	450	NA	430	NA	400	NA	520	NA	450	NA	450	NA	430
Ammonia as N	mg/L	1.00	0.80	0.05	1.0	0.60	1.0	1.3	1.1	0.84	0.94	0.90	0.73	0.78	0.64	1.3	1.4	1.1	0.80	0.81	1.0	1.1	1.50	0.9	0.7
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromide	mg/L	NA	0.87	NA	2.5	NA	2.0	NA	1.1	NA	1.2	NA	1.5	NA	2.5	NA	0.81	NA	1.7	NA	0.88	NA	0.88	NA	0.84
Carbon Dioxide, Free	mg/L	NA	-42	NA	69	NA	81	NA	46	NA	81	NA	62	NA	81	NA	97	NA	97	NA	39	NA	56	NA	40
Chemical Oxygen Demand (COD)	mg/L	NA	18	10	21	14	30	43	10	630	10	44	28	42	11	10	17	10	180	44	10	10	13	44	10
Chloride	mg/L	39	38	34	31	35	31	27	30	29	26	29	33	35	24	29	28	36	42	32	38	30	37	32	31
Fluoride	mg/L	NA	1.7	NA	3.9	NA	1.3	NA	1.7	NA	1.7	NA	2.5	NA	3.3	NA	1.9	NA	2.5	NA	1.1	NA	1	NA	1.8
Nitrate (as N)	mg/L	NA	0.16	NA	0.55	NA	0.28	NA	0.11	NA	0.11	NA	0.28	NA	0.55	NA	0.11	NA	0.28	NA	0.11	NA	0.11	NA	0.11
Sulfate	mg/L	NA	1800	NA	1700	NA	1800	NA	1500	NA	1500	NA	1800	NA	1600	NA	1700	NA	2400	NA	1800	NA	1700	NA	25
Sulfide, total	mg/L	NA	3.4	NA	6.7	NA	1.8	NA	12	NA	2.6	NA	8.8	NA	1.6	NA	1.2	NA	2.9	NA	7.6	NA	9.3	NA	1.2
Total Dissolved Solids (TDS)	mg/L	3300	3200	3200	3100	3200	3100	3000	2900	3200	2900	3100	3000	3000	2900	2800	2700	3800	4500	3100	3000	3100	3100	2900	2900
Total Organic Carbon (TOC)	mg/L	5.6	5.2	5.3	5.7	6.5	5.6	5.0	5.2	5.3	4.8	6.1	4.9	10	4.8	5.1	4.8	6.0	6.6	5.7	5.2	5.6	5.1	4.4	4.4
METALS																									
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.70	NA	0.79	NA	0.57	NA	0.82	NA	0.90	NA	0.80	NA	0.49	NA	0.69	NA	0.76	NA	0.8	NA	0.72	NA	0.66
Calcium	mg/L	NA	350	NA	320	NA	360	NA	340	NA	370	NA	330	NA	330	NA	340	NA	460	NA	330	NA	310	NA	320
Iron	mg/L	NA	3.6	NA	1.4	NA	8.4	NA	0.67	NA	4.9	NA	0.53	NA	7.5	NA	8.3	NA	1.1	NA	0.78	NA	0.29	NA	0.82
Magnesium	mg/L	NA	180	NA	190	NA	170	NA	180	NA	200	NA	180	NA	160	NA	170	NA	220	NA	190	NA	170	NA	180
Manganese	mg/L	NA	0.89	NA	0.68	NA	1.3	NA	0.71	NA	1.2	NA	0.70	NA	1.3	NA	0.86	NA	1.2	NA	0.85	NA	0.81	NA	1.0
Potassium, total	mg/L	5.2	6.1	5.7	5.5	5.0	7.2	4.8	5.1	5.7	7.7	5.5	5.2	4.8	6.6	5.8	6.6	5.6	6.4	5.2	5.8	4.8	5.3	5.4	6.0
Sodium	mg/L	NA	300	NA	340	NA	270	NA	360	NA	310	NA	330	NA	230	NA	280	NA	390	NA	320	NA	290	NA	270
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS																									
1,2,4- Trichlorobenzene	µg/L	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.40	0.40	0.40	0.40	0.40	0.40	0.49
Carbon Disulfide	µg/L	0.48	0.48	0.25	2.0	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Naphthalene	µg/L	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	1.1
Vinyl Chloride	µg/L	0.40	0.40	0.38	0.25	0.25	0.26	0.32	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-9**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen	mg/L	0	0.57	1.73	1.04	1.31	2.22	1.74	0.57	0.41	2.77	1.60	1.13	1.89	0.73	1.73	0.75	2.51	1.49	1.53	1.3	0.58	0.57	0.00	0.44	
Oxidation-Reduction Potential	mV	-152	-154	-152	-157	-127	-121	-126	-140	-131	-112	-147	-150	-105	-156	-106	-73	-96	-98	-102	-90	-146	-141	-140	-127	
pH	units	6.62	6.98	6.65	6.73	7.02	6.92	6.53	6.61	5.82	6.68	6.59	6.46	6.91	6.31	6.74	6.49	7.02	8.39	6.46	6.49	6.88	6.31	6.13	7.05	
Specific Conductance	umhos/cm	4630	4990	4930	4660	4640	5050	5240	5730	1080	4930	3610	4600	4990	3840	5220	4840	6660	6440	7180	5830	6070	4940	4330	4550	
Temperature	C°	20.76	21.99	23.08	22.59	21.31	21.19	25.15	23.09	27.74	23.99	24.80	22.95	22.61	22.98	24.34	NA	22.79	21.84	24.09	22.93	22.89	21.44	23.72	23.10	
Turbidity	NTU	8.8	9.3	11.9	14.8	2.9	0.5	0.0	7.2	1.9	0.0	0.0	0.0	16.9	1.4	0.0	0.0	1.1	4.4	0.9	1.0	1.4	13.6	3.7	42.7	
GENERAL CHEMISTRY																										
Alkalinity	mg/L	910	910	1000	860	940	1000	1200	1100	1200	860	840	770	720	600	660	740	860	850	740	1200	1300	1000	860	830	
Bicarbonate	mg/L	NA	910	NA	860	NA	1000	NA	1100	NA	860	NA	770	NA	600	NA	740	NA	850	NA	1200	NA	1000	NA	830	
Ammonia as N	mg/L	7.6	6.9	0.05	0.27	3.7	11	8.0	11	7.9	6.5	6.6	4.8	4.2	3.4	4.8	4.7	9.0	9.6	10	9.6	16.0	16	10	11	
Bromide	mg/L	NA	7.1	NA	2.5	NA	9.7	NA	13	NA	14	NA	2.5	NA	3.2	NA	4.8	NA	5.5	NA	10	NA	5.2	NA	2.8	
Carbon Dioxide, Free	mg/L	NA	220	NA	320	NA	350	NA	340	NA	310	NA	260	NA	230	NA	270	NA	360	NA	200	NA	150	NA	71	
Chemical Oxygen Demand (COD)	mg/L	240	220	190	170	190	250	350	390	330	180	130	110	98	81	93	160	200	190	280	360	420	220	130	130	
Chloride	mg/L	420	390	320	300	390	510	620	730	590	360	210	210	190	180	200	260	370	250	460	680	700	300	210	200	
Fluoride	mg/L	NA	1.8	NA	2.5	NA	2.7	NA	3.3	NA	2.2	NA	3.0	NA	2.5	NA	2.9	NA	4.2	NA	2.5	NA	1.8	NA	2.5	
Nitrate (as N)	mg/L	2.1	0.40	NA	0.55	NA	0.28	NA	0.28	NA	0.28	NA	0.28	NA	0.11	NA	0.28	NA	0.55	NA	0.55	NA	0.30	NA	0.55	
Sulfate	mg/L	19	1400	NA	1600	NA	1400	NA	1100	NA	1400	NA	1600	NA	2000	NA	1600	NA	1600	NA	1100	NA	1500	NA	1600	
Sulfide	mg/L	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027#	
Total Dissolved Solids (TDS)	mg/L	3900	4200	3800	3700	3700	3600	4000	4200	4200	4300	3800	3700	3600	3500	3500	3600	3700	3600	3900	4100	4400	3900	3700	4000	
Total Organic Carbon (TOC)	mg/L	76	79	62	56	62	86	120	110	140	65	50	39	39	31	39	53	78	62	96	140	130	14	57	40	
METALS																										
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	1.6	NA	1.5	NA	1.8	NA	2.2	NA	1.6	NA	1.2	NA	0.82	NA	1.3	NA	1.5	NA	2.7	NA	2.2	NA	1.8	
Calcium	mg/L	NA	540	NA	450	NA	450	NA	440	NA	400	NA	390	NA	340	NA	440	NA	450	NA	440	NA	430	NA	420	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0058	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	75	NA	75	NA	85	NA	68	NA	49	NA	37	NA	38	NA	51	NA	70	NA	70	NA	67	NA	52	
Magnesium	mg/L	NA	250	NA	250	NA	230	NA	230	NA	220	NA	210	NA	200	NA	220	NA	220	NA	230	NA	210	NA	220	
Manganese	mg/L	NA	6.1	NA	5.8	NA	5.3	NA	4.4	NA	4.8	NA	5.2	NA	4.8	NA	5.6	NA	3.9	NA	3.7	NA	3.6	NA	3.7	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	27	27	30	27	24	29	27	29	25	21	27	20	17	19	23	26	23	29	31	34	35	33	25	33	
Sodium	mg/L	NA	430	NA	410	NA	450	NA	500	NA	390	NA	370	NA	320	NA	420	NA	460	NA	470	NA	510	NA	410	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.021	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS																										
Acetone	ug/L	4.5	4.5	2.5	9.6	5.6	4.5	4.5	5.7	9.2	4.5	10	14	10	10	10	13	12	0.50	10	14	10	10	10	10	
1,4-Dichlorobenzene	ug/L	0.37	0.38	0.25	0.25	0.25	0.25	0.27	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.3	0.25	0.25	0.25	0.26	1.3	1.3	
1,4-Dioxane	ug/L	1.0	55	34	39	27	34	47	70	64	43	34	31	23	8.3	19	23	29	11	28	47	67	32	21	18	
cis-1,2-Dichloroethene	ug/L	2.9	4.3	4.2	4.0	3.3	2.2	2.1	1.9	1.3	0.93	1.4	1.5	0.72	0.55	0.5	0.54	0.35	0.94	1.3	0.79	0.66	0.96	0.51	0.75	
Methylene Chloride	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.4	0.88	4.4	0.88	0.88	0.88	4.4	0.88	
Methyl tert-butyl ether	ug/L	0.36	0.35	0.48	0.64	0.49	0.38	0.30	0.25	0.25	0.45	0.54	0.49	0.45	0.40	0.36	0.25	0.25	0.61	1.3	0.25	0.25	1.0	0.60	1.0	
t-Butanol	ug/L	69	92	66	63	56	72	88	95	91	42	24	23	16	20	20	33	55	37	70	110	120	47	26	18	
Tetrahydrofuran	ug/L	8.1	8.5	11	9.5	6.1	13	14	17	14	12	6.0	6.0	6.2	5.0	5.0	6.2	9.4	6.4	25	21	17	12	8.9	7.1	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYONSANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-13R**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	Jun 2017	Sep 2017	Dec 2017	Mar 2018	Jun 2018	Sep 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen (DO)	mg/L	0.0	0.98	2.21	1.09	0.97	1.86	4.01	0.70	0.57	1.47	0.64	0.78	14.26	0.71	1.92	0.87	6.13	0.97	1.80	1.27	1.00	0.36	4.35	4.41	
Oxidation-Reduction Potential	mV	-402	-369	-401	-407	-330	-358	-379	-384	-402	-369	-405	-420	-388	-433	-391	-357	-325	-363	-307	-349	-375	-400	-371	-359	
pH	units	7.43	7.73	7.43	7.59	7.56	7.69	7.37	7.42	6.58	7.35	7.09	7.04	7.68	6.99	7.54	7.25	7.63	9.06	7.19	7.48	7.51	7.26	6.43	7.59	
Specific Conductance	umhos/cm	1750	1660	1820	1620	1730	930	2250	2610	6630	3830	2370	2800	3530	2790	3540	2990	3340	4160	3110	3060	2.23	3040	2770		
Temperature	C°	21.84	22.12	22.67	21.91	21.71	21.77	25.18	21.64	24.66	23.08	25.52	24.45	21.00	23.08	25.19	20.94	22.53	23.52	22.74	23.01	23.06	30.48	22.5	21.75	
Turbidity	NTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
GENERAL CHEMISTRY																										
Alkalinity, Total	mg/L	520	560	660	650	630	640	670	610	630	580	620	600	650	690	700	720	740	820	590	740	790	660	790	750	
Bicarbonate Alkalinity	mg/L	NA	560	NA	650	NA	640	NA	610	NA	580	NA	600	NA	690	NA	720	NA	780	NA	740	NA	660	NA	700	
Ammonia as N	mg/L	4.7	4.7	0.05	0.10	2.7	6.6	5.8	6.1	7.0	5.6	5.9	6.0	3.9	3.3	6.0	6.3	6.6	7.6	5.8	7.6	8.8	8.4	8.7	8.4	
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromide	mg/L	NA	0.78	NA	0.50	NA	0.25	NA	1.9	NA	2.2	NA	3.2	NA	2.9	NA	1.7	NA	2.0	NA	2.4	NA	2.2	NA	2.4	
Carbon Dioxide, Free	mg/L	NA	11	NA	60	NA	55	NA	32	NA	70	NA	58	NA	92	NA	72	NA	110	NA	55	NA	26	NA	26	
Chemical Oxygen Demand (COD)	mg/L	NA	170	180	220	170	190	160	180	130	190	200	200	220	240	240	250	280	280	270	270	280	220	290	300	
Chloride	mg/L	72	92	110	100	130	120	99	130	110	130	140	200	160	190	110	210	110	120	140	190	160	150	170	190	
Fluoride	mg/L	NA	0.48	NA	0.50	NA	0.27	NA	0.69	NA	0.96	NA	0.91	NA	1.1	NA	0.59	NA	0.55	NA	0.50	NA	0.36	NA	0.36	
Nitrate (as N)	mg/L	4.9	0.080	NA	0.12	NA	0.091	NA	2.8	NA	0.11	NA	0.11	NA	0.11	NA	0.11	NA	0.055	NA	0.11	NA	0.055	NA	0.055	
Sulfate	mg/L	19	180	NA	210	NA	300	NA	650	NA	720	NA	920	NA	970	NA	680	NA	330	NA	650	NA	380	NA	180	
Sulfide	mg/L	NA	92	NA	67	NA	62	NA	69	NA	74	NA	71	NA	99	NA	100	NA	44	NA	120	NA	14	NA	150*	
Total Dissolved Solids (TDS)	mg/L	1100	1000	1200	1100	1100	1300	1700	1900	2000	2200	2300	2200	2200	2200	2100	2000	1500	1500	2100	2100	2100	1500	1700	1500	
Total Organic Carbon (TOC)	mg/L	16	14	14	11	11	16	18	20	23	21	21	24	25	26	24	22	24	29	25	25	27	25	27	27	
METALS																										
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	0.66	NA	0.76	NA	0.74	NA	0.86	NA	1.2	NA	0.93	NA	0.84	NA	0.88	NA	0.78	NA	0.86	NA	0.85	NA	0.86	
Calcium	mg/L	NA	130	NA	130	NA	150	NA	210	NA	270	NA	240	NA	190	NA	170	NA	110	NA	170	NA	110	NA	74	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	0.023	NA	0.037	NA	0.012	NA	0.024	NA	0.015	NA	0.010	NA	0.014	NA	0.23	NA	0.050	NA	0.050	NA	0.10	NA	0.087	
Magnesium	mg/L	NA	82	NA	93	NA	100	NA	170	NA	230	NA	190	NA	190	NA	160	NA	120	NA	160	NA	140	NA	130	
Manganese	mg/L	NA	0.026	NA	0.0070	NA	0.010	NA	0.010	NA	0.050	NA	0.010	NA	0.010	NA	0.010	NA	0.010	NA	0.010	NA	0.042	NA	0.015	
Potassium	mg/L	16	20	18	19	20	17	21	22	27	24	23	22	23	24	23	24	23	27	25	31	30	25	33	28	
Sodium	mg/L	NA	76	NA	88	NA	97	NA	130	NA	180	NA	180	NA	200	NA	210	NA	210	NA	210	NA	180	NA	190	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS																										
Carbon Disulfide	ug/L	0.48	0.48	0.25	6.6	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.8	0.50	0.50	0.50
1,4-Dioxane	ug/L	1.9	0.32	0.30	0.29	0.53	0.56	1.5	4.4	6.7	7.4	9.7	11	8.1	5.3	8.1	6.2	5.8	7.2	7.0	7.3	9.4	9.2	8.2	9.1	
t-Butanol	ug/L	6.5	6.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	7.0	8.5	8.5	7.1	5.0	6.3	5.1	5.9	5.0	5.9	6.0	5.0	8.2	5.0	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL MW-14**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen (DO)	mg/L	0.12	1.18	11.77	1.06	0.96	1.47	2.18	0.88	0.34	2.57	7.25	1.10	2.12	1.39	7.39	1.00	0.71	1.71	1.80	1.12	1.14	0.65	6.58	2.47	
Oxidation-Reduction Potential	mV	-29	-33	-79	-94.0	-66	-52	-65	-70	-80	-18	-68	-96	-98	-109	-77	8	194	88	-307	21	-28	5	-70	-57	
pH	units	6.81	7.17	7.12	7.38	7.21	7.26	6.95	6.84	6.15	7.76	6.65	6.48	7.24	6.51	7.08	6.73	6.47	8.44	7.19	6.51	7.10	6.75	6.73	7.01	
Specific Conductance	umhos/cm	3030	3070	2980	3180.0	3190	3200	3230	3370	3810	4210	2600	3340	3900	3010	4030	3430	7280	8420	4160	5200	4730	6750	3830	3820	
Temperature	C°	21.58	22.13	25.39	22.88	22.52	22.75	24.21	22.45	22.22	22.95	22.99	22.48	22.00	23.02	22.89	22.34	21.83	21.40	22.74	21.97	22.55	21.10	23.19	22.21	
Turbidity	NTU	2.4	3.4	1.0	0.0	0.7	0.0	13.9	39.9	0.0	1.0	1.2	0.0	72	0.0	2.5	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.5	0.5
GENERAL CHEMISTRY																										
Alkalinity, Total	mg/L	330	340	420	430	390	380	420	380	400	320	390	390	360	320	410	380	650	660	540	520	480	470	430	340	
Bicarbonate Alkalinity	mg/L	NA	340	NA	430	NA	380	NA	380	NA	320	NA	390	NA	320	NA	380	NA	660	NA	520	NA	470	NA	340	
Ammonia as N	mg/L	0.32	0.30	0.05	0.39	0.18	0.36	0.37	0.32	0.29	0.10	0.12	0.26	0.64	0.10	0.16	0.24	0.10	0.14	0.80	0.21	0.58	0.73	0.17	0.11	
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromide	mg/L	NA	0.35	NA	2.5	NA	0.96	NA	1.0	NA	0.96	NA	0.83	NA	2.5	NA	0.73	NA	3.8	NA	2.1	NA	1.6	NA	0.64	
Carbon Dioxide, Free	mg/L	NA	42	NA	90	NA	70	NA	35	NA	90	NA	55	NA	49	NA	62	NA	150	NA	51	NA	65	NA	42	
Chemical Oxygen Demand (COD)	mg/L	16	16	10	17	10	21	33	10	10	16	14	10	23	10	10	10	62	10	52	38	10	10	10	10	
Chloride	mg/L	23	21	26	26	25	24	27	26	23	21	27	27	26	19	24	25	84	86	79	77	77	54	42	27	
Fluoride	mg/L	NA	1.5	NA	4.2	NA	1.3	NA	2.1	NA	1.8	NA	2.2	NA	3.3	NA	2.2	NA	4.3	NA	2.3	NA	1.6	NA	1.8	
Nitrate (as N)	mg/L	NA	0.16	NA	0.55	NA	0.11	NA	0.11	NA	0.11	NA	0.11	NA	0.55	NA	0.11	NA	0.55	NA	0.28	NA	0.28	NA	0.11	
Sulfate	mg/L	NA	1600	NA	1500	NA	1600	NA	1400	NA	1400	NA	1700	NA	1500	NA	1500	NA	3600	NA	2800	NA	2200	NA	1700	
Sulfide	mg/L	NA	NA	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	2900	2700	2800	2800	2900	2700	2800	2800	2800	2700	2700	2700	2600	2500	2600	2600	6900	6400	5300	4400	4000	3900	3600	3000	
Total Organic Carbon (TOC)	mg/L	3.9	4.0	3.8	3.7	3.6	5.3	3.4	3.2	3.6	3.8	3.6	3.5	3.9	4.1	3.3	4.0	13	12	9.6	7.8	7.1	6.2	4.7	3.9	
METALS																										
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.38	NA	0.45	NA	0.43	NA	0.47	NA	0.51	NA	0.49	NA	0.30	NA	0.43	NA	0.71	NA	0.61	NA	0.57	NA	0.38	
Calcium	mg/L	NA	370	NA	300	NA	300	NA	320	NA	370	NA	300	NA	320	NA	350	NA	590	NA	490	NA	390	NA	360	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0031	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	0.49	NA	1.2	NA	0.65	NA	1.1	NA	0.80	NA	0.99	NA	0.19	NA	0.60	NA	0.080	NA	0.46	NA	0.32	NA	0.11	
Magnesium	mg/L	NA	140	NA	130	NA	130	NA	130	NA	150	NA	130	NA	120	NA	140	NA	350	NA	260	NA	200	NA	160	
Manganese	mg/L	NA	3.5	NA	2.4	NA	2.9	NA	5.2	NA	5.3	NA	2.4	NA	3.5	NA	3.0	NA	4.3	NA	4.8	NA	3.1	NA	4.1	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	6.9	7.2	6.0	7.0	6.2	7.3	6.8	6.9	0.25	9.0	7.1	6.5	7.4	7.6	6.9	7.9	12	9.5	10	9.3	8.7	8.1	8.0	7.7	
Sodium	mg/L	NA	210	NA	340	NA	310	NA	370	NA	210	NA	370	NA	170	NA	280	NA	630	NA	430	NA	420	NA	240	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS																										
1,4-Dioxane	ug/L	0.30	0.30	0.30	0.30	0.48	0.51	0.24	0.27	0.24	0.28	0.25	0.23	1.9	0.25	0.25	0.25	0.24	0.24	0.25	0.25	0.24	0.24	0.25		
Methylene Chloride	ug/L	1.0	0.95	0.50	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
Vinyl Chloride	ug/L	0.37	0.37	0.45	0.29	0.25	0.40	0.35	0.31	0.25	0.25	0.25	0.25	0.25	0.59	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL PZ-2**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Nov ^R 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																											
Dissolved Oxygen (DO)	mg/L	0.42	1.06	6.56	1.09	1.44	0.64	0.58	4.00	0.72	0.63	2.92	0.52	0.65	1.63	0.56	6.59	4.23	1.59	1.19	1.10	2.51	1.04	0.66	3.44	0.00	
Oxidation-Reduction Potential	mV	-236	-253	-247	-216	-258.0	-223	-243	-244	-221	-232	-191	-194	-220	-226	-216	-173	-153	-128	-128	-114	-134	-125	-195	-149	-120	
pH	units	8.55	9.12	9.10	8.79	8.9	8.45	9.09	8.63	8.77	7.78	8.74	8.41	8.17	8.97	8.23	8.93	8.63	8.42	10.39	8.62	7.58	8.99	8.48	8.25	8.57	
Specific Conductance	umhos/cm	5750	6010	5990	5990	5810.0	5710	5790	5800	5930	7600	7860	4730	5970	6910	5530	7000	6430	6220	7930	8020	5830	5890	5500	5510	5710	
Temperature	C°	25.32	26.59	26.44	24.14	24.57	22.81	26.16	25.87	24.43	24.97	28.47	25.80	24.99	23.87	29.21	26.85	NA	25.77	25.71	25.00	24.21	23.96	24.90	25.41	23.36	
Turbidity	NTU	158.0	4.9	0.0	0.2	0.1	15.1	12.1	100	10.9	0.0	0.4	0.3	2.9	141	0.0	0.0	0.6	0.0	0.7	0.0	0.0	1.2	0.2	7.2	0.0	
GENERAL CHEMISTRY																											
Alkalinity	mg/L	350	360	390	390	400	370	370	370	350	380	320	350	350	370	360	380	370	370	400	290	360	360	350	380	350	
Ammonia as N	mg/L	3.0	1.6	0.05	NA	3.2	1.4	3.2	3.4	3.5	3.0	3.3	3.4	2.9	3.2	2.7	2.9	3.3	3.6	2.9	3.0	3.4	3.5	3.4	3.6	3.1	
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bicarbonate Alkalinity	mg/L	NA	340	NA	NA	380	NA	330	NA	320	NA	290	NA	330	NA	320	NA	350	NA	370	NA	330	NA	330	NA	340	
Bromide	mg/L	NA	0.35	NA	NA	2.5	NA	3.4	NA	2.5	NA	1.3	NA	2.5	NA	0.32	NA	2.5	NA	2.5	NA	2.5	NA	2.5	NA	2.5	
Carbon Dioxide	mg/L	NA	2.0	NA	NA	2.0	10	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	
Chemical Oxygen Demand (COD)	mg/L	23	16	10	NA	11	10	10	22	10	10	10	10	10	12	10	10	10	10	10	31	10	10	10	10	10	
Chloride	mg/L	13	12	13	NA	13	14	14	15	15	14	11	15	13	12	11	11	11	11	11	10	11	0.25	11	12	12	
Fluoride	mg/L	NA	1.8	NA	NA	2.5	NA	2.5	NA	3.7	NA	2.3	NA	2.6	NA	0.25	NA	2.5	NA	3.0	NA	2.5	NA	2.5	NA	2.5	
Nitrate (as N)	mg/L	3.9	0.40	NA	NA	0.55	NA	0.55	NA	0.55	NA	0.28	NA	0.55	NA	0.055	NA	0.55	NA	0.55	NA	0.55	NA	0.55	NA	0.55	
Sulfate	mg/L	18	2600	NA	NA	2600	NA	2600	NA	2700	NA	2400	NA	2800	NA	2500	NA	2700	NA	2500	NA	2600	NA	2500	NA	2400	
Sulfide	mg/L	NA	0.020	NA	NA	0.045	NA	0.055	NA	0.041	NA	0.041	NA	0.028	NA	0.020	NA	0.037	NA	0.027	NA	0.027	NA	0.027	NA	0.027 [#]	
Total Dissolved Solids (TDS)	mg/L	4200	4400	4200	NA	4100	4100	4300	4300	4100	4400	4300	4300	4100	4200	4200	4300	4000	4200	4100	4000	4100	4100	4000	4200	4200	
Total Organic Carbon (TOC)	mg/L	2.3	2.6	2.7	NA	2.5	2.1	2.3	2.1	2.1	2.4	2.2	2.3	2.5	2.4	2.7	2.5	2.7	2.4	2.5	2.5	2.6	2.7	2.4	2.1	2.1	
METALS																											
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	1.3	NA	NA	1.4	NA	1.4	NA	1.4	NA	1.7	NA	1.6	NA	1.3	NA	1.4	NA	1.4	NA	1.4	NA	1.5	NA	1.4	
Calcium	mg/L	NA	13	NA	NA	14	NA	14	NA	15	NA	15	NA	17	NA	19	NA	13	NA	13	NA	14	NA	13	NA	17	
Iron	mg/L	NA	0.89	NA	NA	0.033	NA	0.071	NA	0.45	NA	0.11	NA	0.12	NA	0.046	NA	0.050	NA	0.050	NA	0.050	NA	0.050	NA	0.050	
Magnesium	mg/L	NA	12	NA	NA	13	NA	12	NA	12	NA	14	NA	14	NA	15	NA	11	NA	11	NA	12	NA	11	NA	14	
Manganese	mg/L	NA	0.034	NA	NA	0.028	NA	0.030	NA	0.032	NA	0.050	NA	0.70	NA	0.024	NA	0.026	NA	0.025	NA	0.029	NA	0.026	NA	0.031	
Potassium	mg/L	4.0	3.4	3.3	NA	3.1	2.9	4.1	3.2	2.8	2.5	3.3	2.8	3.4	2.7	3.2	3.1	2.7	2.5	2.8	4.1	4.7	3.8	4.0	3.0	3.9	
Sodium	mg/L	NA	1300	NA	NA	1500	NA	1400	NA	1400	NA	1500	NA	1600	NA	1200	NA	1300	NA	1400	NA	1300	NA	1300	NA	1300	
VOLATILE ORGANIC COMPOUNDS:																											
1,4-Dioxane	ug/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

Note:
* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL PZ-4**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Nov ^R 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	Jun 2017	Sep 2017	Dec 2017	Mar 2018	Jun 2018	Sep 2018	Dec 2018	
FIELD PARAMETERS																											
Dissolved Oxygen (DO)	mg/L	0.00	0.0	0.00	0.91	0.74	0.72	0.58	0.62	0.72	0.52	1.07	1.52	1.35	0.79	2.38	1.12	1.95	0.83	1.23	1.24	1.03	1.00	1.08	0.51	0.60	
Oxidation-Reduction Potential	mV	-115	-36	-18	-51	-79.00	-72	-132	-148	-83	-82	-80	-108	-84	-62	-102	-50	-57	-62	50	72	100	84	65	-69	-87	
pH	units	6.94	6.76	7.09	7.39	7.26	6.99	7.12	6.95	6.93	6.36	7.03	7.40	7.01	6.86	7.29	6.93	7.52	7.02	7.85	7.69	6.66	6.90	6.70	7.08	7.45	
Specific Conductance	umhos/cm	6940	1550	1610	1640	1560.00	1670	1570	1580	1660	3640	1580	1220	1190	1620	1950	1480	2220	1760	7850	7690	1600	1640	1540	1540	1560	
Temperature	C	24.06	23.47	23.56	23.20	23.30	17.88	22.94	24.62	22.68	20.93	25.21	24.48	23.21	23.33	24.10	24.96	23.19	24.23	24.14	23.54	23.30	23.76	24.20	23.56	22.19	
Turbidity	NTU	55.8	52.3	52.2	37.1	21.80	33.7	17.9	65.8	43.2	6.9	3.7	34.8	31.5	8.5	14.0	4.4	2.9	21.4	11.3	2.1	19.4	1.3	2.9	3.9	0.0	
GENERAL CHEMISTRY																											
Alkalinity, Total	mg/L	320	310	360	360	360	330	330	340	310	340	310	330	330	330	340	350	350	350	260	330	330	320	340	330	330	
Ammonia as N	mg/L	2.1	1.1	0.96	NA	2.2	1.1	2.4	2.3	2.4	2.9	2.4	3.0	1.8	1.7	2.0	2.0	2.5	2.2	2.6	2.0	2.4	2.5	2.7	0.10	0.10	
Bicarbonate Alkalinity	mg/L	NA	310	NA	NA	360	NA	330	NA	310	NA	310	NA	330	NA	330	NA	350	NA	350	NA	330	NA	320	NA	330	
Bromide	mg/L	NA	0.35	NA	NA	0.25	NA	0.38	NA	0.32	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	
Carbon Dioxide	mg/L	NA	21	NA	NA	28	NA	35	NA	25	NA	35	NA	33	NA	35	NA	44	NA	60	NA	30	NA	28	NA	19	
Chemical Oxygen Demand (COD)	mg/L	16	16	10	NA	10	10	14	81	10	10	10	10	13	10	10	10	10	10	23	10	10	13	10	10	16	
Chloride	mg/L	9.2	8.3	6.7	NA	8.7	8.7	9.8	8.5	9.1	8.9	8.8	1.2	NA	8.7	9.0	8.4	8.3	9.1	7.8	8.4	7.9	8.6	8.3	8.7	8.4	
Fluoride	mg/L	NA	1.1	NA	NA	1.3	NA	1.2	NA	1.3	NA	1.2	NA	1.1	NA	1.2	NA	1.3	NA	1.2	NA	0.98	NA	1.1	NA	1.2	
Nitrate (as N)	mg/L	3.9	0.080	NA	NA	0.058	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.056	NA	0.055	
Sulfate	mg/L	18	570	NA	NA	530	NA	550	NA	490	NA	470	NA	530	NA	500	NA	510	NA	550	NA	540	NA	530	NA	570	
Sulfide	mg/L	NA	0.020	NA	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	1200	1300	1200	NA	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1100	1100	1200	1100	1200	1100	1100	1100	1200	1200	
Total Organic Carbon (TOC)	mg/L	1.1	1.4	1.1	NA	1.2	1.0	1.1	0.95	0.66	1.3	1.1	1.0	1.2	1.1	1.1	1.0	1.2	1.1	1.1	1.2	1.4	1.2	1.2	1.2	0.99	
METALS																											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.022	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	0.15	NA	NA	0.15	NA	0.15	NA	0.14	NA	0.29	NA	0.16	NA	0.18	NA	0.18	NA	0.19	NA	0.16	NA	0.19	NA	0.17	
Calcium	mg/L	NA	140	NA	NA	140	NA	140	NA	130	NA	150	NA	130	NA	130	NA	130	NA	120	NA	110	NA	110	NA	130	
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0027	NA	NA	NA	NA	NA	NA	NA	NA	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0069	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	2.3	NA	NA	1.7	NA	1.4	NA	1.4	NA	2.0	NA	3.8	NA	2.5	NA	0.95	NA	0.78	NA	1.0	NA	0.80	NA	0.89	
Magnesium	mg/L	NA	79	NA	NA	83	NA	80	NA	77	NA	94	NA	81	NA	75	NA	76	NA	71	NA	70	NA	64	NA	78	
Manganese	mg/L	NA	0.14	NA	NA	0.14	NA	0.13	NA	0.11	NA	0.14	NA	0.14	NA	0.13	NA	0.12	NA	0.11	NA	0.10	NA	0.10	NA	0.11	
Potassium	mg/L	3.9	4.4	4.5	NA	4.2	4.4	4.6	4.2	4.1	4.1	5.7	4.5	4.5	3.7	4.7	4.7	4.5	4.5	4.1	4.5	4.0	4.5	4.2	4.2		
Sodium	mg/L	NA	96	NA	NA	99	NA	95	NA	91	NA	140	NA	92	NA	100	NA	110	NA	100	NA	95	NA	130	NA	99	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS																											
Chloromethane	ug/L	0.40	0.40	0.40	0.40	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.72	0.25	0.25	0.25	0.72	0.25	0.25	
Methylene Chloride	ug/L	0.95	0.95	0.25	NA	0.95	0.88	0.90	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	

Note:
* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL DW-1**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen (DO)	mg/L	1.61	3.98	3.50	4.23	3.85	5.32	2.59	7.08	4.91	1.23	3.04	3.97	2.87	5.15	1.55	3.43	4.33	2.78	3.16	4.87	3.84	2.85	3.56	4.32	
Oxidation-Reduction Potential	mV	-140	-66	-121	-121	10	-154	-293	-77	-155	-235	-241	-186	43	8	-205	-141	-117	-79	-44	62	-4	18	-188	-154	
pH	units	8.79	8.43	9.02	9.72	8.89	8.96	8.64	8.89	8.88	8.85	8.70	7.99	8.56	7.94	8.73	9.08	8.60	8.62	8.76	8.36	8.52	8.38	8.48	9.03	
Specific Conductance	µmhos/cm	4560	4760	4770	4230	4640	4580	4770	4730	1870	4680	4220	4420	4820	4470	4460	3670	4910	6320	6280	4720	4720	4450	4530	4450	
Temperature	°C	28.1	27.3	24.5	21.57	22.33	24.64	28.89	17.31	20.92	25.26	25.32	17.74	16.06	29.25	24.43	18.40	21.31	21.40	23.32	15.87	16.78	25.17	24.10	18.81	
Turbidity	NTU	0.2	1.5	3.8	0.2	0.1	0.0	2.1	0.8	0.0	1.5	3.7	4.1	0.0	0.0	5.8	2.8	1.9	3.9	3.2	0.0	0.3	0.0	1.9	1.1	
GENERAL CHEMISTRY																										
Alkalinity, Total	mg/L	520	520	590	600	550	550	550	510	540	500	540	530	540	540	550	560	540	580	420	530	520	520	560	530	
Alkalinity, bicarbonate	mg/L	NA	450	NA	490	NA	450	550	410	NA	400	NA	430	NA	440	NA	450	NA	470	NA	430	NA	420	NA	440	
Ammonia as N	mg/L	1.90	1.80	0.05	0.10	1.1	2.3	2.6	2.2	1.5	2.1	3.2	2.0	1.7	1.3	1.8	2.1	2.2	1.9	1.8	2.2	2.3	0.76	2	1.9	
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromide	mg/L	NA	NA	NA	2.5	NA	3.5	NA	2.5	NA	0.50	NA	1.3	NA	1.3	NA	1.3	NA	1.3	NA	1.3	NA	0.5	NA	2.5	
Carbon Dioxide, Free	mg/L	NA	NA	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	NA	2.0	
Chemical Oxygen Demand (COD)	mg/L	16	16	10	17	10	19	15	10	16	10	24	11	36	10	22	10	10	220	20	10	10	11	10	15	
Chloride	mg/L	15	15	15	15	14	15	17	16	15	14	51	15	15	16	14	13	14	13	13	14	14	14	14	13	14
Fluoride	mg/L	NA	3.5	NA	2.5	NA	2.5	NA	4.9	NA	2.8	NA	3.4	NA	3.9	NA	3.5	NA	3.2	NA	2.2	NA	2.4	NA	3.6	
Nitrate as N	mg/L	NA	0.80	NA	0.55	NA	0.55	NA	0.55	NA	0.11	NA	0.28	NA	0.28	NA	0.28	NA	0.28	NA	0.28	NA	0.11	NA	0.55	
Sulfate	mg/L	NA	1800	NA	2000	NA	1800	NA	1600	NA	1600	NA	1900	NA	1500	NA	1800	NA	1800	NA	1800	NA	1700	NA	1700	
Sulfide	mg/L	NA	0.31	NA	0.10	NA	1.8	NA	1.5	NA	0.020	NA	0.24	NA	0.051	NA	0.82	NA	0.49	NA	1.5	NA	0.19	NA	2.2*	
Total Dissolved Solids (TDS)	mg/L	3300	3200	3300	3200	3200	3300	3300	3300	3300	3300	3300	3200	3300	3200	3300	3200	3200	3100	3200	3100	3200	3200	3200	330	
Total Organic Carbon (TOC)	mg/L	3.1	3.1	3.2	3.3	3.1	2.6	3.0	2.4	3.2	2.9	2.9	3.3	4.3	3.2	3.3	3.0	3.1	3.2	3.1	3.0	3.1	3.2	3.0	2.6	
METALS																										
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	2.1	NA	2.2	NA	2.1	NA	2.2	NA	2.3	NA	2.3	NA	1.9	NA	2.0	NA	2.1	NA	2.1	NA	2.1	NA	2.2	
Calcium	mg/L	NA	2.9	NA	3.1	NA	2.8	NA	3.3	NA	3.2	NA	3.3	NA	2.7	NA	3.0	NA	3.0	NA	2.9	NA	2.8	NA	2.9	
Iron	mg/L	NA	0.055	NA	0.060	NA	0.036	NA	0.034	NA	0.066	NA	0.10	NA	0.030	NA	0.062	NA	0.050	NA	0.050	NA	0.050	NA	0.050	
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Magnesium	mg/L	NA	1.6	NA	1.8	NA	1.5	NA	1.7	NA	1.9	NA	2.0	NA	1.7	NA	1.7	NA	1.6	NA	1.7	NA	1.5	NA	1.6	
Manganese	mg/L	NA	0.0078	NA	0.0087	NA	0.010	NA	0.010	NA	0.050	NA	0.020	NA	0.010	NA	0.010	NA	0.010	NA	0.015	NA	0.015	NA	0.015	
Potassium	mg/L	1.8	1.3	3.5	1.7	1.3	2.0	1.3	1.4	1.5	2.0	1.3	1.5	1.7	1.5	1.6	1.3	1.2	1.5	2.3	2.3	2.6	2.5	1.6	2.1	
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sodium	mg/L	NA	1300	NA	1100	NA	1100	NA	540	NA	1200	NA	1200	NA	1100	NA	1000	NA	1100	NA	980	NA	1100	NA	1000	
VOLATILE ORGANIC COMPOUNDS																										
t-Butanol	µg/L	7.0	6.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
1,4-Dioxane	µg/L	2.2	0.29	0.29	0.25	0.47	0.58	0.24	0.27	0.24	0.25	0.26	0.24	64	0.24	0.24	0.24	0.26	0.25	0.24	0.24	0.26	0.24	0.24	0.24	
Methylene Chloride	µg/L	0.95	0.95	0.50	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1.3	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
Methyl tert-butyl ether	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.30	0.25	0.25	0.25	0.25	0.25	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL DW-2**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018
FIELD PARAMETERS																									
Dissolved Oxygen	mg/L	0.00	0.0	0.06	0.78	0.79	1.32	0.61	0.76	0.86	1.91	0.68	0.53	0.65	0.73	1.08	1.03	1.35	1.23	1.46	1.40	1.15	0.69	0.00	0.66
Oxidation-Reduction Potential	mV	-135	-97	-47	-137.0	-168	-169	-193	-122	-147	-140	-165	-184	-119	-175	-93	-89	-116	-23	15	35	45	-131	-149	-116
pH	units	7.00	7.41	7.22	7.48	7.24	7.46	7.10	7.39	6.68	7.17	7.27	7.14	7.20	7.18	6.98	7.55	7.15	8.36	7.25	6.94	7.12	7.27	6.74	7.64
Specific Conductance	umhos/cm	2620	2710	2800	2720.0	2770	2630	2750	2780	5900	2810	2140	2700	2780	2530	2640	2920	2940	3710	3690	2740	2820	2620	2580	2720
Temperature	C°	19.01	19.56	19.19	19.39	18.04	19.87	20.36	19.03	22.26	19.91	19.40	19.69	20.95	19.94	19.97	19.89	19.81	19.58	19.45	19.09	19.51	18.95	18.02	
Turbidity	NTU	0.0	0.6	2.6	0.0	0.0	0.0	22.8	11.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.03	0.0	0.4	0.0	8	0.0	0.0	0.5
GENERAL CHEMISTRY																									
Alkalinity	mg/L	360	340	390	410	370	390	370	340	380	340	360	360	360	360	370	370	400	430	290	370	360	350	380	360
Alkalinity, bicarbonate	mg/L	NA	340	NA	410	NA	390	NA	340	NA	340	NA	360	NA	360	NA	370	NA	430	NA	370	NA	350	NA	360
Ammonia as N	meq/L	2.4	2.9	0.96	3.4	2.9	4.0	3.6	3.6	4.1	3.7	4.6	3.3	3.1	1.2	3.0	3.3	3.0	2.6	2.8	3.0	3.5	3.3	3.8	3.2
Bromide	mg/L	NA	NA	NA	0.68	NA	0.78	NA	0.58	NA	0.88	NA	0.50	NA	0.48	NA	0.36	NA	0.50	NA	0.50	NA	0.29	NA	0.50
Carbon Dioxide	mg/L	NA	NA	NA	16	NA	23	NA	14	NA	23	NA	32	NA	28	NA	28	NA	23	NA	23	NA	25	NA	16
Chemical Oxygen Demand (COD)	mg/L	NA	NA	NA	10	10	23	21	10	10	10	10	12	11	10	11	28	10	10	35	14	10	10	10	18
Chloride	mg/L	12	11	11	11	11	11	11	11	16	10	12	11	11	14	11	11	11	10	9.3	10	11	10	11	9.6
Fluoride	mg/L	NA	NA	NA	0.52	NA	0.50	NA	0.85	NA	0.86	NA	1.2	NA	0.93	NA	0.25	NA	1.0	NA	0.58	NA	0.5	NA	0.52
Nitrate (as N)	mg/L	2.0	NA	NA	0.11	NA	0.11	NA	0.055	NA	0.11	NA	0.11	NA	0.055	NA	0.055	NA	0.11	NA	0.11	NA	0.055	NA	0.11
Sulfate	mg/L	17	NA	NA	1100	NA	1100	NA	1000	NA	1000	NA	1100	NA	1100	NA	1100	NA	900	NA	980	NA	1100	NA	1100
Sulfide	mg/L	NA	NA	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.081	NA	0.027	NA	0.027
Total Dissolved Solids (TDS)	mg/L	1900	2000	2000	1900	1900	2000	2000	2000	2000	2000	2000	2000	1900	2000	2000	2000	1800	1800	1800	1900	2000	1900	2000	1900
Total Organic Carbon (TOC)	mg/L	2.0	1.7	1.6	1.5	1.3	2.0	1.5	1.3	1.6	1.4	1.5	1.5	1.4	1.8	1.4	1.6	1.6	1.4	1.5	1.5	1.7	1.6	1.4	1.3
METALS																									
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.61	NA	0.58	NA	0.60	NA	0.59	NA	0.56	NA	0.53	NA	0.56	NA	0.61	NA	0.73	NA	0.62	NA	0.60	NA	0.58
Calcium	mg/L	NA	140	NA	110	NA	110	NA	110	NA	100	NA	230	NA	100	NA	NA	47	NA	81	NA	98	NA	100	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0056	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	0.75	NA	0.80	NA	1.2	NA	1.3	NA	1.3	NA	1.2	NA	1.2	NA	1.3	NA	0.37	NA	0.82	NA	1.3	NA	
Magnesium	mg/L	NA	91	NA	75	NA	71	NA	77	NA	69	NA	64	NA	71	NA	72	NA	33	NA	55	NA	65	NA	
Manganese	mg/L	NA	NA	NA	0.17	NA	0.17	NA	0.16	NA	0.15	NA	0.15	NA	0.13	NA	0.16	NA	0.061	NA	0.11	NA	0.13	NA	
Potassium	mg/L	4.5	4.8	4.6	4.3	4.0	4.8	3.9	4.5	4.2	4.3	4.4	4.1	4.1	4.2	4.9	4.4	3.8	3.3	3.8	4.3	4.6	4.2		
Sodium	mg/L	NA	470	NA	420	NA	450	NA	450	NA	380	NA	390	NA	400	NA	460	NA	510	NA	420	NA	460	NA	
VOLATILE ORGANIC COMPOUNDS																									
Naphthalene	ug/L	0.40	0.41	0.25	0.40	0.40	0.43	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
t-Butanol	ug/L	6.5	6.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL DW-3**

ANALYTE	UNITS	Mar 2013	Jun 2013	Aug ^R 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																											
Dissolved Oxygen (DO)	mg/L	0.05	0.0	0.28	0.46	1.1	0.90	4.06	0.98	1.66	0.89	1.03	1.07	1.06	6.23	0.59	1.21	1.24	1.24	1.11	1.52	1.72	1.39	0.83	5.48	0.89	
Oxidation-Reduction Potential	mV	-121	-67	40	-20	-105	-125	-136	-163	-82	-97	-93	-125	-139	-92	-136	-39	-46	-64	50	91	87	91	-29	-94	-82	
pH	units	6.96	7.20	7.39	7.27	7.51	7.21	7.40	7.01	7.33	6.62	7.22	7.25	7.1	7.31	7.02	7.04	7.05	7.19	7.93	7.68	6.81	7.00	7.16	6.71	7.63	
Specific Conductance	µmhos/cm	2060	2110	2240	2180	2150	2180	2110	2210	2090	7700	2250	1680	2150	2250	2020	2100	2320	2380	3060	2800	7220	2260	2120	2030	2190	
Temperature	°C	20.5	21.4	21.1	21.4	20.97	19.36	22.06	22.44	20.12	21.22	21.92	21.94	20.77	20.77	22.16	22.26	20.35	22.58	21.28	21.62	20.90	20.87	21.12	20.87	1946.00	
Turbidity	NTU	0.3	0.0	0.3	0.0	0	0.3	0.0	3.7	1.6	0.0	1.7	0.3	0.5	0.0	0.0	1.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
GENERAL CHEMISTRY																											
Alkalinity	mg/L	0.55	140	NA	160	170	150	150	150	140	160	150	170	160	160	160	170	170	170	170	130	160	160	150	160	160	
Ammonia as N	mg/L	0.55	0.79	0.80	0.68	0.70	3.7	0.92	0.69	0.62	0.9	0.63	0.9	0.79	3.0	0.39	0.52	0.76	0.53	0.58	0.59	0.83	1.3	2.4	0.81	0.62	
Bicarbonate Alkalinity	mg/L	NA	140	NA	NA	170	NA	150	NA	140	NA	150	NA	160	NA	160	NA	170	NA	170	NA	160	NA	150	NA	160	
Bromide	mg/L	0.35	NA	NA	NA	NA	0.50	NA	0.32	NA	0.49	NA	0.25	NA	0.34	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	
Carbon Dioxide	mg/L	NA	7	NA	NA	8.8	NA	16	NA	12	NA	16	NA	19	NA	19	NA	16	NA	21	NA	14	NA	18	NA	16	
Chemical Oxygen Demand (COD)	mg/L	16	16	NA	10	10	10	12	15	14	10	10	10	17	11	10	10	10	17	10	29	10	10	10	10	15	
Chloride	mg/L	15	14	NA	13	15	15	15	14	14	14	14	15	15	14	18	14	14	13	14	14	16	13	15	13	15	
Fluoride	mg/L	NA	0.35	NA	NA	0.50	NA	0.50	NA	0.63	NA	0.55	NA	0.75	NA	0.77	NA	0.73	NA	0.64	NA	0.40	NA	0.37	NA	0.34	
Nitrate (as N)	mg/L	NA	0.080	NA	NA	0.11	NA	0.11	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	
Sulfate	mg/L	NA	1200	NA	NA	1200	NA	1200	NA	1100	NA	1000	NA	1200	NA	1400	NA	1200	NA	1200	NA	1200	NA	1200	NA	1200	
Sulfide	mg/L	NA	0.020	NA	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027	
Total Dissolved Solids (TDS)	mg/L	1900	1900	NA	1900	1800	1800	2000	1900	1900	1900	2000	1900	1900	1800	1800	1900	1900	1800	1900	2000	1800	1900	1900	1900	1900	
Total Organic Carbon (TOC)	mg/L	0.41	0.52	NA	0.55	0.47	0.37	0.31	0.39	0.27	0.35	0.33	0.36	0.48	0.34	0.45	0.32	0.67	0.38	0.36	0.45	0.38	0.63	0.34	0.37	0.29	
METALS																											
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.047	NA	NA	0.053	NA	0.058	NA	0.057	NA	0.072	NA	0.058	NA	0.060	NA	0.066	NA	0.061	NA	0.052	NA	0.061	NA	0.051	
Calcium	mg/L	73	350	NA	NA	300	NA	300	NA	300	NA	280	NA	300	NA	300	NA	320	NA	310	NA	300	NA	290	NA	290	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	0.60	NA	NA	0.53	NA	0.55	NA	0.61	NA	0.66	NA	0.73	NA	0.86	NA	0.81	NA	0.68	NA	0.66	NA	0.62	NA	0.57	
Magnesium	mg/L	11	110	NA	NA	110	NA	98	NA	100	NA	100	NA	110	NA	110	NA	110	NA	110	NA	110	NA	100	NA	110	
Manganese	mg/L	NA	0.069	NA	NA	0.069	NA	0.074	NA	0.071	NA	0.076	NA	0.081	NA	0.079	NA	0.088	NA	0.080	NA	0.079	NA	0.460	NA	0.067	
Potassium	mg/L	9.9	10	NA	9.6	8.9	9.8	10	9.1	9.2	9.7	8.5	9.3	9.0	9.1	9.7	9.1	9.7	8.9	9.7	8.5	9.0	8.9	9.2	8.5	8.6	
Sodium	mg/L	12	77	NA	NA	69	NA	76	NA	71	NA	64	NA	66	NA	68	NA	71	NA	71	NA	63	NA	72	NA	68	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS: ND																											
1,4-Dioxane	µg/L	1	0.28	NA	0.28	0.48	0.48	0.53	0.26	0.26	0.24	0.25	0.25	0.31	0.24	0.23	0.25	0.24	0.25	0.27	0.25	0.25	0.26	0.27	0.25	0.25	
Chloroform	µg/L	0.33	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.54	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Chloromethane	µg/L	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.9	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Methylene Chloride	µg/L	0.95	0.95	NA	0.50	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	
t-Butanol	µg/L	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	8.1

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL DW-4**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	Jun 2017	Sep 2017	Dec 2017	Mar 2018	Jun 2018	Sep 2018	Dec 2018
FIELD PARAMETERS																									
Dissolved Oxygen	mg/L	4.46	1.43	3.69	1.41	1.09	1.50	1.88	0.83	0.48	4.10	1.98	1.62	2.85	3.17	4.25	2.65	8.44	2.17	1.21	2.07	0.79	0.62	0.00	0.7
Oxidation-Reduction Potential	mV	-142	-132	-138	-161	-96	-99	-127	-129	-130	-122	-134	-133	-133	-126	-104	-199	-200	-213	-230	-194	-243	-238	-235	-251
pH	units	7.15	7.89	7.68	7.52	7.57	7.57	7.29	7.01	6.46	8.73	7.69	7.69	7.51	7.39	7.57	7.42	7.68	8.22	7.24	7.42	7.74	6.82	6.82	7.56
Specific Conductance	umhos/cm	3340	3600	3620	3450	3480	3500	3570	3660	6320	3610	2980	2980	4180	4330	4260	4430	4910	5160	4880	3550	3610	3530	3290	3520
Temperature	C°	21.46	21.66	22.33	22.39	20.94	21.09	22.22	21.48	20.85	21.60	22.66	21.58	20.61	21.62	22.03	20.88	21.83	21.22	21.8	21.67	21.40	20.29	21.94	19.40
Turbidity	NTU	1	0.4	0.0	0.7	0.0	0.0	0.4	1.8	0.0	1.4	0.7	6.2	45.1	6.8	10.4	2.4	5.3	2.2	0.2	0.0	1.0	0.0	0.0	0.0
GENERAL CHEMISTRY																									
Alkalinity	mg/L	340	330	390	370	340	340	350	320	340	310	340	340	340	340	350	350	370	360	270	340	340	340	360	340
Ammonia as N	mg/L	3.80	3.60	0.05	3.80	3.7	4.5	4.2	4.3	4.6	4.3	7.1	4.1	2.7	3.2	3.9	4.5	3.8	3.8	3.9	2.6	4.6	4.5	4.5	4.2
Ammonia as NH3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	NA	330	NA	370	NA	340	NA	320	NA	310	NA	340	NA	340	NA	350	NA	360	NA	340	NA	340	NA	340
Bromide	mg/L	NA	0.35	NA	1.3	NA	1.7	NA	0.50	NA	1.8	NA	0.50	NA	0.44	NA	0.50	NA	0.50	NA	0.50	NA	0.50	NA	0.50
Carbon Dioxide, Free	mg/L	NA	14	NA	18	NA	37	NA	18	NA	21	NA	21	NA	37	NA	32	NA	37	NA	16	NA	18	NA	14
Chemical Oxygen Demand (COD)	mg/L	16	16	10	10	10	15	32	10	10	10	10	12	13	10	26	10	10	10	10	10	10	13	10	12
Chloride	mg/L	14	14	NA	14	14	15	14	63	14	13	12	29	14	15	15	14	11	14	13	13	13	14	13	13
Fluoride	mg/L	NA	0.70	NA	1.3	NA	1.3	NA	0.81	NA	1.3	NA	1.1	NA	0.80	NA	0.50	NA	0.78	NA	0.50	NA	0.56	NA	0.50
Nitrate (as N)	mg/L	NA	0.16	NA	0.32	NA	0.28	NA	0.21	NA	0.51	NA	0.11	NA	0.055	NA	0.11	NA	0.11	NA	0.11	NA	0.11	NA	0.11
Sulfate	mg/L	NA	1700	NA	1800	NA	1800	NA	1600	NA	1500	NA	1900	NA	1600	NA	1800	NA	1800	NA	1800	NA	1800	NA	1700
Sulfide	mg/L	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027
Total Dissolved Solids (TDS)	mg/L	2800	3000	3000	3000	2800	3000	2900	2900	2900	2900	2900	2900	2800	2900	2800	2800	2900	2800	2800	2900	2800	2800	2900	2900
Total Organic Carbon (TOC)	mg/L	1.8	1.8	1.9	1.9	2.3	1.7	1.7	1.6	1.9	1.7	2.3	1.9	1.7	1.9	1.7	1.9	1.7	1.9	1.8	1.8	2.0	1.8	1.7	1.5
METALS																									
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0078	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.58	NA	0.62	NA	0.59	NA	0.58	NA	0.55	NA	0.64	NA	0.56	NA	0.59	NA	0.62	NA	0.55	NA	0.64	NA	0.57
Calcium	mg/L	NA	190	NA	200	NA	180	NA	190	NA	190	NA	170	NA	180	NA	200	NA	220	NA	190	NA	200	NA	170
Iron	mg/L	NA	1.5	NA	1.6	NA	1.5	NA	1.5	NA	1.5	NA	1.6	NA	2.4	NA	2.5	NA	2.4	NA	1.8	NA	1.8	NA	2.0
Magnesium	mg/L	NA	130	NA	140	NA	130	NA	130	NA	130	NA	110	NA	130	NA	130	NA	140	NA	130	NA	130	NA	110
Manganese	mg/L	NA	0.11	NA	0.13	NA	0.12	NA	0.11	NA	0.11	NA	0.096	NA	0.11	NA	0.14	NA	0.13	NA	0.12	NA	0.13	NA	0.12
Potassium	mg/L	4.9	4.4	5.3	4.2	4.2	5.0	4.4	4.5	4.3	4.4	4.5	4.0	4.0	4.3	4.2	4.7	4.7	4.5	4.4	4.3	4.5	5.0	4.3	4.3
Sodium	mg/L	NA	480	NA	510	NA	500	NA	510	NA	500	NA	560	NA	510	NA	480	NA	550	NA	410	NA	500	NA	420
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS: ND																									
Acetone	ug/L	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Carbon Disulfide	ug/L	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Chloromethane	ug/L	0.40	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.37	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Naphthalene	ug/L	0.41	0.41	0.25	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.75	0.56	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
t-Butanol	ug/L	6.5	6.5	5.0	5.0	5.0	5.0	5.0	8.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Note:
* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL DW-5**

ANALYTE	UNITS	Mar 2013	Jun 2013	Aug ^R 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																											
Dissolved Oxygen	mg/L	0.0	0.73	0.0	2.5	1	1.41	0.52	2.62	0.69	0.62	0.58	0.57	0.55	1.22	4.98	1.45	1.09	1.19	1.36	1.24	1.77	1.39	0.56	0.00	0.56	
Oxidation-Reduction Potential	mV	-214	-198	-57	-202	-220	-163	-234	-176	-194	-191	-182	-204	-220	-183	-190	-218	-167	-119	-156	-17	-142	-225	-160	-194	-201	
pH	units	7.81	8.62	8.05	8.56	8.58	8.40	8.25	8.31	8.50	7.65	8.11	8.21	8.10	8.65	8.49	8.52	8.52	8.94	10.12	8.74	6.45	8.64	7.93	7.61	8.52	
Specific Conductance	µmhos/cm	1750	1580	1840	1680	1530	1650	1530	1390	1740	6340	1780	1320	1660	2030	2100	2110	2190	2400	2250	2240	1640	1700	1640	1610	1720	
Temperature	C°	19.50	23.19	20.03	20.82	22.44	19.56	20.28	30.93	18.79	20.36	21.58	20.43	20.93	19.91	21.88	21.03	19.67	21.82	21.32	20.71	20.56	19.96	19.70	21.30	19.15	
Turbidity	NTU	46.38	12.6	7.0	1.3	3.9	0.6	81.3	3.9	0.2	0.0	18.4	1.4	1.4	31.8	5.0	8.1	38.8	22.1	24.1	1.8	2.2	0.0	0.0	0.0	215.0	
GENERAL CHEMISTRY																											
Alkalinity	mg/L	910	900	NA	1100	920	970	970	980	910	980	900	950	940	950	960	980	970	980	1000	730	930	920	940	970	530	
Ammonia as N	mg/L	0.42	0.29	NA	0.05	0.39	0.35	0.34	0.22	0.32	0.65	0.27	0.29	0.25	0.62	0.23	0.35	0.27	0.39	0.37	0.33	0.51	0.27	0.44	0.30	1.9	
Bicarbonate	mg/L	NA	890	NA	NA	920	NA	950	NA	880	NA	850	NA	900	NA	920	NA	930	NA	950	NA	890	NA	940	NA	440	
Bromide	mg/L	NA	0.67	NA	NA	0.61	NA	0.25	NA	0.58	NA	0.86	NA	0.28	NA	0.66	NA	0.67	NA	0.52	NA	0.25	NA	0.25	NA	0.25	
Carbon Dioxide, Free	mg/L	NA	3.5	NA	NA	3.5	NA	11	NA	3.5	NA	2.0	NA	2.0	NA	3.5	NA	2.0	NA	12	NA	5.3	NA	0.25	7.0	2.0	
Chemical Oxygen Demand (COD)	mg/L	16	19	NA	10	42	21	41	34	10	10	20	28	10	34	22	45	51	10	33	16	10	10	20	10	29	
Chloride	mg/L	21	20	NA	32	20	20	20	19	21	21	20	27	18	19	25	35	21	19	17	17	21	19	19	17	19	
Fluoride	mg/L	NA	3.5	NA	NA	0.50	NA	3.8	NA	3.5	NA	3.4	NA	3.4	NA	3.7	NA	3.7	NA	3.4	NA	3.4	NA	3.4	NA	3.6	
Nitrate (as N)	mg/L	1.73	0.080	NA	NA	0.11	NA	0.067	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	NA	0.055	
Sulfate	mg/L	18	0.48	NA	NA	0.50	NA	0.30	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	NA	0.25	
Sulfide	mg/L	NA	0.077	NA	NA	0.082	NA	0.052	NA	0.020	NA	0.056	NA	0.056	NA	0.044	NA	0.073	NA	0.027	NA	0.029	NA	0.058	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	1100	1100	NA	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1200	1100	1100	1100	
Total Organic Carbon (TOC)	mg/L	6.0	8.2	NA	7.5	7.3	5.6	7.1	6.8	4.0	7.8	9.2	6.7	7.4	6.2	7.3	12	6.8	6.2	6.6	6.5	7.9	8.4	7.3	7.1	6.4	
METALS																											
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0078	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	2.5	NA	NA	2.6	NA	2.6	NA	2.5	NA	2.3	NA	2.6	NA	2.3	NA	2.8	NA	2.7	NA	2.8	NA	2.7	NA	2.8	
Calcium	mg/L	NA	5.6	NA	NA	5.6	NA	5.5	NA	5.3	NA	5.0	NA	5.6	NA	5.0	NA	5.9	NA	5.6	NA	5.6	NA	5.4	NA	5.6	
Iron	mg/L	NA	0.17	NA	NA	0.12	NA	0.11	NA	0.14	NA	0.16	NA	0.15	NA	0.17	NA	0.14	NA	0.12	NA	0.15	NA	0.12	NA	0.13	
Magnesium	mg/L	NA	1.3	NA	NA	1.3	NA	1.2	NA	0.95	NA	0.94	NA	1	NA	1.1	NA	0.95	NA	0.96	NA	0.93	NA	0.88	NA	0.96	
Manganese	mg/L	NA	0.16	NA	NA	0.17	NA	0.16	NA	0.13	NA	0.13	NA	0.13	NA	0.12	NA	0.11	NA	0.096	NA	0.097	NA	0.093	NA	0.097	
Potassium	mg/L	1.3	1.0	NA	1.9	1.2	1.2	1.5	1.0	0.77	1.0	0.87	1.0	0.78	0.72	1.1	0.82	0.86	0.75	0.88	1.4	1.2	1.0	1.4	0.99	0.96	
Sodium	mg/L	NA	440	NA	NA	460	NA	450	NA	430	NA	380	NA	430	NA	400	NA	480	NA	460	NA	440	NA	460	NA	430	
VOLATILE ORGANIC COMPOUNDS																											
Allyl Chloride	µg/L	0.50	3.1	0.70	0.50	2.9	2.9	0.50	0.50	0.50	0.50	3.5	0.50	3.3	3.8	0.50	0.50	2.3	2.3	NA	0.50	2.9	0.50	0.50	1.6	0.50	
1,4-Dioxane	µg/L	1.00	0.29	NA	0.31	0.28	0.56	0.53	4.4	0.28	0.24	0.27	0.27	0.25	0.24	0.25	0.24	0.26	0.27	0.26	0.24	19	0.24	0.24	0.24	0.24	
Naphthalene	µg/L	0.41	0.41	NA	0.25	0.40	0.40	0.65	0.40	0.40	0.40	0.40	0.40	0.57	0.91	0.40	0.40	0.86	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
t-Butanol	µg/L	5.0	5.0	5.0	5.0	5.7	5.0	5.0	5.0	5.0	8.1	5.0	5.0	5.2	5.0	5.4	5.0	5.0	5.0	5.0	5.0	21	5.0	5.0	5.0	5.0	
Tetrahydrofuran	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.7	5.0	5.0	5.0	5.0	

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL CM-9R3**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	Jun 2017	Sep 2017	Dec 2017	Mar 2018	Jun 2018	Sep 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen	mg/L	0.0	1.06	3.2	1.62	1.55	3.77	7.49	1.41	1.09	2.75	6.85	1.31	1.58	8.08	3.98	1.81	0.99	1.72	2.02	1.67	1.38	11.00	1.56	0.65	
Oxidation-Reduction Potential	mV	-133	-112	-116	-112	309	17	-26	-13	-104	-80	-78	-75	165	3	-49	-16	272	117	103	69	32	-38	10	141	
pH	units	6.37	6.81	6.82	6.82	4.92	6.04	6.18	5.64	5.31	5.80	6.73	6.40	4.91	5.38	6.14	6.58	5.36	7.03	4.86	5.01	6.30	6.20	6.10	5.99	
Specific Conductance	µmhos/cm	4030	4250	4270	3990	5150	4980	4950	5470	5310	7820	4380	4090	6320	6650	6500	7420	6890	7080	6840	4950	5230	4660	4620	4800	
Temperature	C°	18.19	18.49	18.42	18.39	18.37	18.69	19.02	18.52	18.59	18.96	19.43	18.86	18.83	19.65	19.49	18.62	18.61	18.24	18.86	18.61	18.99	19.00	17.48	17.38	
Turbidity	NTU	10.6	0.8	4.5	1.1	21.3	4.0	4.3	75.2	27.9	8.9	9.8	79.4	48.6	36.9	4.0	56.9	21.7	33.3	12.6	11.7	33.9	69.4	25.4	32.6	
GENERAL CHEMISTRY																										
Alkalinity	mg/L	180	190	280	280	5.1	120	220	140	170	190	290	240	4.0	48	140	180	9.8	42	24	37	180	160	150	64	
Ammonia as N	mg/L	4.2	2.4	0.05	0.10	0.59	4.3	6.8	14	5.2	4.8	6.9	7.0	1.9	2.7	3.9	7.3	2.0	3.6	2.8	3.4	4.6	5.4	6.3	0.6	
Bicarbonate	mg/L	NA	190	NA	280	NA	120	NA	140	NA	190	NA	240	NA	48	NA	180	NA	42	NA	37	NA	160	NA	64	
Bromide	mg/L	NA	0.35	NA	2.5	NA	2.1	NA	1.3	NA	1.3	NA	1.3	NA	2.5	NA	1.3	NA	2.5	NA	2.5	NA	2.5	NA	2.5	
Carbon Dioxide	mg/L	NA	110	NA	120	NA	190	NA	180	NA	310	NA	160	NA	150	NA	88	NA	160	NA	140	NA	70	NA	120	
Chemical Oxygen Demand (COD)	mg/L	120	23	32	37	33	35	10	10	38	29	28	27	14	13	36	11	10	37	20	10	10	10	10	12	
Chloride	mg/L	17	16	15	15	26	21	22	19	18	17	19	16	16	16	14	14	22	19	15	16	15	13	13	18	
Fluoride	mg/L	NA	2.4	NA	2.5	NA	2.5	NA	7.2	NA	4.6	NA	4.2	NA	6.0	NA	3.7	NA	5.0	NA	4.6	NA	2.0	NA	8.3	
Nitrate (as N)	mg/L	9.4	0.16	NA	0.55	NA	0.55	NA	0.28	NA	0.28	NA	0.28	NA	1.1	NA	0.28	NA	0.55	NA	0.55	NA	NA	NA	9.1	
Sulfate	mg/L	28	2600	NA	2300	NA	4500	NA	3400	NA	3000	NA	3000	NA	3500	NA	3200	NA	3500	NA	3200	NA	2800	NA	3200	
Sulfide	mg/L	NA	0.020	NA	0.02	NA	0.087	NA	0.054	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	NA	NA	0.027*	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	3700	4000	3700	3700	5200	5200	4700	5100	5700	5600	5300	4800	4600	5300	4300	4700	5200	5100	5100	4900	4800	4300	4400	5100	
Total Organic Carbon (TOC)	mg/L	11	11	9.2	9.9	13	9.8	9.5	3.0	8.8	9.1	9.6	8.1	7.5	6.8	5.8	5.8	10	8.2	6.8	6.1	7.1	6.5	6.3	9.0	
METALS																										
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	1.7	NA	1.8	NA	2.1	NA	1.3	NA	2.1	NA	2.1	NA	1.9	NA	2.2	NA	2.0	NA	1.8	NA	2.1	NA	2.1	
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1
Calcium	mg/L	120	360	NA	350	NA	430	NA	330	NA	470	NA	390	NA	410	NA	390	NA	420	NA	390	NA	340	NA	430	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	44	NA	32	NA	47	NA	2.7	NA	86	NA	50	NA	22	NA	19	NA	9.6	NA	24	NA	13	NA	9.7	
Magnesium	mg/L	19	190	NA	190	NA	300	NA	210	NA	330	NA	240	NA	310	NA	260	NA	310	NA	320	NA	230	NA	340	
Manganese	mg/L	NA	1.9	NA	1.6	NA	4.3	NA	0.54	NA	5.8	NA	2.8	NA	6.3	NA	3.9	NA	5.9	NA	6.8	NA	2.9	NA	6.2	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	13	13	13	13	18	18	13	14	17	16	15	13	15	16	14	15	14	16	14	16	14	14	13	14	
Sodium	mg/L	22	420	NA	450	NA	490	NA	350	NA	570	NA	530	NA	500	NA	600	NA	530	NA	360	NA	480	NA	400	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS:																										
Toluene	µg/L	0.36	0.36	0.25	0.25	0.25	0.25	0.31	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Methylene Chloride	µg/L	0.95	0.4	0.25	0.88	0.88	0.88	0.25	0.88	0.88	NA	0.88	0.88	0.88	0.88	1.1	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	

Note:
*: Sample exceeded holding time

**SUNSHINE CANYON LANDFILL
HISTORICAL DATA - MONITORING WELL CM-10R**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018
FIELD PARAMETERS																									
Dissolved Oxygen	mg/L	0	1.14	2.91	7.57	6.33	2.73	9.63	1.31	0.60	2.78	2.73	1.09	13.20	6.66	11.72	3.95	1.65	5.38	5.39	5.63	6.69	2.02	2.43	1.19
Oxidation-Reduction Potential	mV	-287	-355	-367	-355	-346	-298	-306	-77	-335	-309	-251	-335	-278	-289	-350	-235	-53	-211	-202	-253	-102	-259	-248	-145
pH	units	7.03	7.29	7.25	7.11	6.81	7.20	6.99	6.68	6.14	6.82	7.31	6.89	7.25	7.16	7.07	7.04	7.06	8.60	6.68	6.72	6.92	6.97	6.77	7.02
Specific Conductance	µmhos/cm	3370	3060	2930	3070	3360	2770	2720	3730	8230	4110	2800	2170	3630	3420	3130	5060	4820	4330	4390	3060	3130	2950	2830	3160
Temperature	C°	20.32	21.25	21.27	17.80	19.78	21.61	22.39	21.04	20.45	22.45	22.35	20.89	21.06	22.52	22.59	21.62	22.17	21.99	22.21	21.48	6.69	22.20	21.01	19.60
Turbidity	NTU	2.6	0.0	0.0	0	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
GENERAL CHEMISTRY																									
Alkalinity	mg/L	400	620	780	780	560	740	770	330	560	650	530	780	600	800	880	420	370	550	470	590	270	470	570	320
Ammonia as N	mg/L	11	4.7	1.6	11	4.6	14	13	5.6	11	11	13	11	13	8.3	7.5	15	13	9.4	10	13	10	13	12	11
Bicarbonate	mg/L	NA	620	NA	780	NA	740	NA	330	NA	650	NA	780	NA	800	NA	420	NA	550	NA	590	NA	470	NA	320
Bromide	mg/L	NA	0.39	NA	0.5	NA	0.50	NA	0.50	NA	0.50	NA	0.50	NA	0.34	NA	0.50	NA	0.50	NA	1.3	NA	0.50	NA	0.50
Carbon Dioxide	mg/L	NA	95	NA	120	10	120	NA	46	NA	120	NA	97	NA	130	NA	110	NA	100	NA	67	NA	70	NA	30
Chemical Oxygen Demand (COD)	mg/L	17	18	30	23	NA	33	19	21	26	24	23	51	27	51	66	18	10	32	22	10	10	8.2	12	17
Chloride	mg/L	13	11	8.6	11	12	12	13	14	14	12	13	11	12	11	11	11	11	9.4	9.6	10	8.2	7.7	8.4	11
Fluoride	mg/L	NA	1.0	NA	1.1	NA	0.71	NA	1.5	NA	1.6	NA	1.4	NA	1.3	NA	1.8	NA	1.8	NA	1.6	NA	1.2	NA	1.2
Nitrate (as N)	mg/L	NA	0.080	NA	0.12	NA	0.11	NA	0.11	NA	0.11	NA	0.11	NA	0.055	NA	0.11	NA	0.11	NA	0.28	NA	NA	NA	0.11
Sulfate	mg/L	NA	1500	NA	1400	NA	1100	NA	1900	NA	970	NA	890	NA	880	NA	1800	NA	1700	NA	1300	NA	1400	NA	1700
Sulfide	mg/L	NA	8.1	NA	9.6	NA	13	NA	0.090	NA	12	NA	20	NA	22	NA	4.1	NA	4.8	NA	5.7	NA	3.7	NA	0.061*
Total Dissolved Solids (TDS)	mg/L	2900	2500	2400	2400	2700	2300	2200	3300	2600	2300	2800	2000	2500	1900	1700	3000	3000	2700	2500	2500	2700	2500	2600	3000
Total Organic Carbon (TOC)	mg/L	3.8	5.0	4.7	5.0	3.7	5.5	5.9	11	4.4	4.8	3.7	5.4	4.6	5.8	5.7	3.6	3.5	4.3	4.3	4.1	2.8	5.2	4.0	2.5
METALS																									
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.029	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.87	NA	0.89	NA	0.86	NA	2.2	NA	0.86	NA	0.78	NA	0.74	NA	1.1	NA	0.88	NA	0.84	NA	0.98	NA	1.1
Calcium	mg/L	NA	220	NA	210	NA	200	NA	450	NA	200	NA	170	NA	170	NA	320	NA	250	NA	240	NA	250	NA	290
Iron	mg/L	NA	0.19	NA	0.035	NA	0.080	NA	38	NA	0.42	NA	0.044	NA	0.014	NA	0.53	NA	0.25	NA	0.050	NA	0.11	NA	1.1
Magnesium	mg/L	NA	220	NA	240	NA	230	NA	330	NA	220	NA	200	NA	210	NA	210	NA	220	NA	260	NA	190	NA	190
Manganese	mg/L	NA	0.21	NA	0.19	NA	0.16	NA	6.8	NA	0.16	NA	0.12	NA	0.094	NA	0.56	NA	0.39	NA	0.28	NA	0.40	NA	0.56
Potassium	mg/L	13	11	11	11	12	13	10	16	12	11	12	10	12	11	10	13	13	12	11	13	11	12	11	12
Sodium	mg/L	NA	200	NA	200	NA	180	NA	600	NA	200	NA	170	NA	170	NA	270	NA	200	NA	170	NA	190	NA	230
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS: ND																									
1,4-Dioxane	µg/L	0.29	0.29	0.30	0.30	0.50	0.52	0.25	0.25	0.24	0.26	0.28	0.25	0.29	0.24	0.26	0.24	0.24	0.25	0.24	0.28	0.24	0.25	0.24	0.28
Methylene Chloride	µg/L	0.95	0.40	0.25	0.88	0.88	0.88	0.25	0.88	0.88	NA	0.88	0.88	0.88	0.88	1.2	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Vinyl Chloride	µg/L	0.40	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.54	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

Note:
* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL CM-11R**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	Jun 2016	Sep 2016	Dec 2016	Mar 2017	Jun 2017	Sep 2017	Dec 2017	Mar 2018	Jun 2018	Sep 2018	Dec 2018
FIELD PARAMETERS																									
Dissolved Oxygen	mg/L	0.0	1.23	4.3	3.29	1.78	3.60	2.79	1.58	0.96	2.35	5.88	1.00	1.41	5.13	1.79	2.36	1.18	1.13	1.57	1.66	0.81	2.39	1.42	1.24
Oxidation-Reduction Potential	mV	112	167	155	75	208	160	108	109	183	126	184	137	183	192	117	134	333	366	332	301	253	244	246	174
pH	units	6.03	6.26	6.32	6.51	6.19	6.52	6.15	6.18	4.93	5.56	6.23	5.85	6.03	5.8	5.97	6.58	5.66	6.20	4.48	4.52	5.18	5.15	5.43	6.00
Specific Conductance	µmhos/cm	3250	3490	3590	3790	3630	3790	2960	3980	4930	5350	3440	3240	5060	5180	5380	6410	6610	5390	5620	4780	4780	4680	4630	4780
Temperature	C°	18.09	20.33	18.61	14.61	17.42	18.98	36.02	17.06	18.89	23.46	20.10	18.42	18.22	24.01	21.46	15.63	17.38	25.92	25.92	17.38	18.48	20.38	16.81	16.41
Turbidity	NTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.2	0.8	0.0	1.3	0.6	1.0	0.0	0.0	0.0	1.0	0.0	1.9	1.8
GENERAL CHEMISTRY																									
Alkalinity	mg/L	60	72	120	150	56	68	70	77	37	46	75	92	39	4.0	66	100	104	4.0	7.5	13	27	42	41	
Ammonia as N	mg/L	0.93	0.11	0.05	2.1	0.46	0.76	1.3	1.7	0.78	0.10	1.5	1.6	0.47	1.7	2.2	0.15	0.48	1.0	1.7	1.6	2.5	2.7	2.5	
Bicarbonate	mg/L	NA	72	NA	150	NA	68	NA	77	NA	46	NA	92	NA	4.0	100	NA	4.0	7.5	NA	1.6	2.7	NA	41	
Bromide	mg/L	NA	0.35	NA	1.5	NA	1.8	NA	0.50	NA	0.50	NA	1.3	NA	0.27	NA	1.3	NA	2.5	NA	2.5	NA	2.5	NA	
Carbon Dioxide	mg/L	NA	70	NA	36	NA	51	NA	48	NA	63	NA	44	NA	67	NA	48	NA	69	NA	62	NA	33	NA	
Chemical Oxygen Demand (COD)	mg/L	160	16	10	12	10	19	10	10	10	20	10	14	10	10	30	10	10	27	15	10	10	10	10	
Chloride	mg/L	7.1	9.0	9.0	9.7	10	9.8	11	10	11	11	15	11	17	12	12	11	13	12	13	13	12	12	12	
Fluoride	mg/L	NA	0.70	NA	1.3	NA	1.3	NA	1.4	NA	1.6	NA	2.0	NA	3.3	NA	2.3	NA	3.8	NA	2.5	NA	1.3	NA	
Nitrate (as N)	mg/L	NA	1.7	NA	0.28	NA	0.64	NA	1.0	NA	1.2	NA	0.43	NA	2.6	NA	0.79	NA	0.28	NA	0.55	NA	0.55	NA	
Sulfate	mg/L	NA	1700	NA	2100	NA	2000	NA	2000	NA	1900	NA	2100	NA	2200	NA	2400	NA	2800	NA	2900	NA	2900	NA	
Sulfide	mg/L	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.30	NA	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	2600	2700	2700	2800	3000	3000	3000	3100	3400	3500	3400	3300	3700	3500	3500	3600	4100	4100	4300	4300	4200	4200	4200	
Total Organic Carbon (TOC)	mg/L	5.0	5.5	5.7	5.4	4.4	5.1	4.8	4.6	4.9	4.2	4.5	4.6	4.5	4.4	4.1	4.3	4.9	5.4	5.0	4.7	5.0	4.8	4.5	
METALS																									
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	1.4	NA	1.7	NA	1.4	NA	1.6	NA	1.4	NA	1.5	NA	1.5	NA	1.8	NA	1.1	NA	1.4	NA	1.6	NA	
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0032	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Calcium	mg/L	NA	140	NA	110	NA	190	NA	190	NA	210	NA	160	NA	210	NA	160	NA	340	NA	310	NA	270	NA	
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0076	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	0.026	NA	0.083	NA	0.013	NA	0.037	NA	0.086	NA	0.24	NA	0.010	NA	1.2	NA	0.050	NA	0.34	NA	0.20	NA	
Magnesium	mg/L	NA	90	NA	76	NA	110	NA	110	NA	130	NA	110	NA	130	NA	99	NA	210	NA	200	NA	180	NA	
Manganese	mg/L	NA	1.1	NA	1.4	NA	1.4	NA	2.0	NA	1.8	NA	1.7	NA	1.4	NA	1.1	NA	4.2	NA	5.9	NA	5.3	NA	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	8.3	8.1	8.4	7.7	8.9	10	8.9	9.8	11	9.5	9.9	8.6	9.8	11	9.2	9.1	11	12	12	13	11	13	12	
Sodium	mg/L	NA	500	NA	650	NA	570	NA	660	NA	570	NA	620	NA	680	NA	840	NA	480	NA	520	NA	600	NA	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.035	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS: ND																									
Methylene Chloride	µg/L	0.95	0.4	0.25	0.88	0.88	0.88	0.25	0.88	0.88	NA	0.88	0.88	0.88	0.88	1.2	0.88	1.4	0.88	0.88	0.88	1.4	0.88	0.88	

Note:
*: Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - EXTRACTION TRENCH**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen	mg/L	1.51	0.48	0.98	0.98	1.31	2.66	1.75	3.43	2.28	1.73	1.62	2.63	1.54	2.20	3.06	3.24	3.02	6.49	3.39	3.66	4.50	2.48	3.91	4.64	
Oxidation-Reduction Potential	mV	-231	-121	-56	-56	-39	-174	-165	-79	-110	-126	-195	-186	-85	-133	-102	-24	-76	36	50	77	69	49	-115	-130	
pH	units	7.00	6.29	6.86	6.86	6.69	6.52	6.45	6.67	5.86	6.57	6.52	6.96	6.48	6.58	6.52	6.74	6.65	7.63	6.47	5.80	6.40	6.30	6.24	6.96	
Specific Conductance	µmhos/cm	5370	5620	4910	4910	4700	4710	4610	4770	1980	4370	4270	-1860	5280	4600	4410	3470	5120	6380	5820	4360	4580	5010	5400	5340	
Temperature	C°	24.43	25.10	27.36	27.36	20.76	23.66	23.99	16.3	19.33	28.07	28.23	23.12	21.74	28.01	30.83	17.79	22.54	24.41	24.83	20.91	20.25	26.03	26.01	14.46	
Turbidity	NTU	22.3	15.7	2.8	2.8	3.6	0.0	9.9	3.3	13.9	4.8	15.7	15.8	16.5	0.8	11.1	12.6	34.7	8.4	0.3	0.1	10.0	34.0	63.5	22.8	
GENERAL CHEMISTRY																										
Alkalinity	mg/L	270	1300	1100	1100	960	900	910	740	990	710	720	1100	1100	1100	860	810	760	870	610	810	830	1000	1200	1100	
Ammonia as N	mg/L	14	13	0.05	0.05	5.3	15	9.8	14	10	7.7	6.5	23	30	8.2	9.9	8.8	9.5	8.5	6.5	8.2	11	12	27	21	
Bicarbonate	mg/L	NA	1300	NA	NA	NA	900	NA	740	NA	710	NA	1100	NA	1100	NA	810	NA	870	NA	810	NA	1000	NA	1100	
Bromide	mg/L	NA	11	NA	NA	NA	6.5	NA	7.9	NA	3.5	NA	8.4	NA	7.4	NA	3.0	NA	4.7	NA	2.2	NA	5.7	NA	6.4	
Carbon Dioxide, Free	mg/L	NA	240	NA	NA	NA	370	NA	180	NA	310	NA	310	NA	300	NA	250	NA	460	NA	160	NA	160	NA	150	
Chemical Oxygen Demand (COD)	mg/L	500	540	290	290	100	180	160	210	160	100	92	370	360	310	220	130	130	170	110	78	110	190	400	320	
Chloride	mg/L	760	610	440	440	420	290	260	330	380	170	140	500	560	440	320	180	210	240	140	130	170	350	510	420	
Fluoride	mg/L	NA	NA	NA	NA	NA	2.5	NA	2.1	NA	2.2	NA	3.3	NA	3.0	NA	2.2	NA	2.8	NA	1.3	NA	1.7	NA	2.5	
Nitrate (as N)	mg/L	9.4	0.80	NA	NA	NA	0.55	NA	0.31	NA	0.11	NA	0.28	NA	0.49	NA	0.11	NA	0.28	NA	0.11	NA	0.39	NA	0.55	
Sulfate	mg/L	28	850	NA	NA	NA	1600	NA	1500	NA	1500	NA	1300	NA	1300	NA	1800	NA	1700	NA	1700	NA	1400	NA	1400	
Sulfide	mg/L	NA	0.053	NA	NA	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.027	NA	0.027	
Total Dissolved Solids (TDS)	mg/L	4100	4100	4100	4100	3800	4200	4100	3900	4000	3800	3600	4100	3900	6300	3700	3500	3700	3600	3400	3600	3600	3900	4100	4200	
Total Organic Carbon (TOC)	mg/L	170	160	89	89	30	58	45	71	76	62	34	130	150	130	96	31	52	64	40	49	49	13	140	100	
METALS																										
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.047	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	3.2	NA	NA	NA	1.4	NA	1.6	NA	1.7	NA	3.1	NA	2.2	NA	1.6	NA	1.3	NA	1.1	NA	1.7	NA	2.6	
Calcium	mg/L	NA	460	NA	NA	NA	410	NA	470	NA	430	NA	430	NA	410	NA	410	NA	410	NA	410	NA	390	NA	420	
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	78	NA	NA	NA	56	NA	48	NA	53	NA	65	NA	37	NA	34	NA	46	NA	51	NA	56	NA	97	
Magnesium	mg/L	NA	240	NA	NA	NA	210	NA	230	NA	220	NA	230	NA	210	NA	200	NA	210	NA	220	NA	190	NA	220	
Manganese	mg/L	NA	4.4	NA	NA	NA	4.5	NA	4.2	NA	4.1	NA	3.6	NA	3.4	NA	3.4	NA	5.2	NA	5.3	NA	4.2	NA	2.9	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.049	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	69	66	40	40	32	31	30	38	36	27	19	63	58	46	46	37	30	28	21	20	23	33	80	62	
Sodium	mg/L	NA	490	NA	NA	NA	440	NA	450	NA	470	NA	560	NA	500	NA	440	NA	370	NA	310	NA	430	NA	440	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
VOLATILE ORGANIC COMPOUNDS																										
1,4-Dioxane	µg/L	150	72	45	45	25	28	24	26	28	28	30	52	44	38	27	20	21	16	13	16	24	25	46	40	
1,4-Dichlorobenzene	µg/L	0.37	0.37	0.33	0.33	0.25	0.25	0.25	0.37	0.25	0.28	0.44	0.38	0.35	0.25	0.25	0.41	0.64	1.7	2.8	2.5	2.2	1.5	0.57	0.78	
2-Butanone (MEK)	µg/L	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	8.5	
Acetone	µg/L	4.5	12	3.7	3.7	4.5	4.5	4.5	6.6	4.5	6.4	10	10	10	10	10	18	10	10	20	10	10	10	15	30	
Chlorobenzene	µg/L	0.37	0.46	0.41	0.41	0.25	0.25	0.31	0.38	0.35	0.27	0.36	0.46	0.47	0.25	0.25	0.25	0.25	0.32	0.50	0.29	0.25	0.25	0.39	0.25	
cis-1,2-Dichloroethene	µg/L	0.96	1.3	3.8	3.8	2.0	2.6	3.7	2.0	2.5	2.7	1.7	0.96	0.83	0.61	0.54	1.4	1.5	2.1	1.7	1.7	1.6	1.4	1.1	1.0	
Methyl-tert-butyl ether	µg/L	0.32	0.32	0.44	0.44	0.25	0.69	0.55	0.36	0.38	0.44	0.55	0.25	0.29	0.25	0.25	0.78	0.25	0.94	1.6	1.3	1	1.5	0.7	0.25	
t-Butanol	µg/L	110	120	79	79	65	34	62	48	73	64	58	73	87	80	57	46	41	44	30	39	43	45	84	57	
Tetrahydrofuran	µg/L	18	21	13	13	14	7.8	9.7	8.5	14	11	7.7	11	11	28	9.0	7.8	6.0	6.3	10	12	8.0	9.1	13	60	

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - MONITORING WELL LY-7**

ANALYTE	UNITS	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018
FIELD PARAMETERS									
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	2.39
Oxidation-Reduction Potential	mV	NA	NA	NA	NA	NA	NA	NA	-76
pH	units	NA	NA	NA	NA	NA	NA	NA	7.05
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	6650
Temperature	C°	NA	NA	NA	NA	NA	NA	NA	31.50
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	16.9
GENERAL CHEMISTRY									
Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	1700
Ammonia as N	mg/L	NA	NA	NA	NA	NA	NA	NA	2.1
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	1700
Bromide	mg/L	NA	NA	NA	NA	NA	NA	NA	5.6
Carbon Dioxide	mg/L	NA	NA	NA	NA	NA	NA	NA	110
Chemical Oxygen Demand (COD)	mg/L	NA	NA	NA	NA	NA	NA	NA	180
Chloride	mg/L	NA	NA	NA	NA	NA	NA	NA	510
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	5.0
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA	1.1
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	1400
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	0.027*
Total Dissolved Solids (TDS)	mg/L	NA	NA	NA	NA	NA	NA	NA	5300
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	59
METALS									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	9.2
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	180
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	3.2
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	87
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	3.7
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	18
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	1300
VOLATILE ORGANIC COMPOUNDS									
Acetone	µg/L	NA	NA	NA	NA	NA	NA	NA	10
Benzene	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25
1,2-Dichloroethane	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25
1,4-Dioxane	µg/L	NA	NA	NA	NA	NA	NA	NA	9.6
1,2-Dichloropropane	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25
1,4-Dichlorobenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25
cis-1,2-Dichloroethene	µg/L	NA	NA	NA	NA	NA	NA	NA	2.1
Chlorobenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25
Ethylbenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25
m,p-Xylene	µg/L	NA	NA	NA	NA	NA	NA	NA	0.5
Methyl-tert-butyl ether	µg/L	NA	NA	NA	NA	NA	NA	NA	2.1
o-Xylene	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25
Tetrahydrofuran	µg/L	NA	NA	NA	NA	NA	NA	NA	5
t-Butanol	µg/L	NA	NA	NA	NA	NA	NA	NA	150
Trichloroethene	µg/L	NA	NA	NA	NA	NA	NA	NA	0.25

Note:

* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - SUBDRAIN N**

ANALYTE	UNITS	Mar 2013	Jun 2013	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018	
FIELD PARAMETERS																										
Dissolved Oxygen	mg/L	1.16	1.39	1.46	2.64	3.92	2.76	2.20	2.31	2.11	2.26	2.05	2.85	2.01	2.59	2.56	3.41	3.07	3.31	2.94	2.6	2.65	2.33	2.2	4.71	
Oxidation-Reduction Potential	mV	-133	-71	11	-108	-100	-188	-185	-70	-83	-69	-186	-123	-106	-38	-23	36	-31	33	113	94	194	92	-92	-105	
pH	units	5.36	6.28	6.53	6.99	6.19	6.40	6.11	6.38	6.44	6.4	6.29	6.33	6.40	5.24	6.22	6.23	6.01	7.18	6.29	5.95	6.50	6.03	5.80	6.94	
Specific Conductance	µmhos/cm	3420	3410	3470	3450	3640	3450	3480	3490	1420	3500	2980	3480	3640	3360	3200	2550	3710	5170	4390	3420	3190	3560	3520	5430	
Temperature	C°	23.31	25.79	28.52	24.87	21.95	28.52	29.06	22.34	26.80	29.90	27.03	23.61	26.55	34.40	29.98	18.1	26.46	25.39	26.6	20.8	25.30	29.14	19.45	23.54	
Turbidity	NTU	54.4	3.6	1.1	0.7	11.2	0.0	2.3	3.2	13.6	4.4	3.3	4.8	0.0	3.3	0.0	0.6	0.6	0.2	0.1	0.3	80.7	6.0	0.7	6.07	
GENERAL CHEMISTRY																										
Alkalinity	mg/L	560	580	680	750	630	690	720	640	670	620	1100	650	680	640	520	920	420	640	350	540	240	670	670	820	
Ammonia as N	mg/L	2.70	2.80	0.05	2.80	2.6	3.2	3.7	3.5	2.7	3.0	12	2.5	2.6	3.0	3.1	3.9	5.3	3.2	3.9	4.1	1.4	3.4	4.2	4.3	
Ammonia as NH ₃	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bicarbonate	mg/L	NA	380	NA	750	NA	690	NA	640	NA	620	NA	650	NA	640	4.0	NA	640	NA	540	NA	NA	670	NA	820	
Bromide	mg/L	NA	0.74	NA	1.3	NA	25	NA	0.99	NA	1.2	NA	1.3	NA	1.2	NA	1.6	NA	2.0	NA	1.7	NA	0.94	NA	6.1	
Carbon Dioxide	mg/L	NA	220	NA	270	NA	320	NA	190	NA	270	NA	240	NA	290	NA	250	NA	350	NA	180	NA	170	NA	130	
Chemical Oxygen Demand (COD)	mg/L	50	38	44	49	43	44	68	64	39	10	41	58	72	34	75	59	81	120	60	56	17	49	18	240	
Chloride	mg/L	23	20	23	22	19	44	25	22	22	22	66	89	69	78	110	120	110	120	140	110	56	40	61	440	
Fluoride	mg/L	NA	1.4	NA	2.7	NA	1.3	NA	2.1	NA	1.8	NA	2.3	NA	2.2	NA	1.3	NA	1.8	NA	1.6	NA	1.4	NA	2.5	
Nitrate (as N)	mg/L	NA	0.16	NA	0.28	NA	0.11	NA	0.11	NA	0.11	NA	0.11	NA	0.055	NA	0.28	NA	0.11	NA	0.28	NA	0.11	NA	0.55	
Sulfate	mg/L	NA	1600	NA	1400	NA	1500	NA	1400	NA	1300	NA	1700	NA	1400	NA	1300	NA	1700	NA	1400	NA	1600	NA	2000	
Sulfide	mg/L	NA	0.32	NA	0.55	NA	0.17	NA	0.23	NA	0.051	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	0.036	NA	0.027*	
Total Dissolved Solids (TDS)	mg/L	3000	3200	3100	3100	2800	3100	3100	3000	3100	3100	2400	3100	3000	3000	2600	3000	2900	3100	2500	2700	2700	3200	3100	4800	
Total Organic Carbon (TOC)	mg/L	18	16	17	19	11	21	16	17	20	17	24	24	26	27	24	24	29	29	37	29	24	9.6	26	25	77
METALS																										
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Boron	mg/L	NA	0.83	NA	0.82	NA	0.91	NA	0.96	NA	0.88	NA	0.98	NA	0.92	NA	0.51	NA	0.83	NA	0.62	NA	0.96	NA	1.7	
Calcium	mg/L	NA	400	NA	340	NA	350	NA	380	NA	350	NA	370	NA	340	NA	260	NA	350	NA	270	NA	360	NA	600	
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Iron	mg/L	NA	16	NA	13	NA	14	NA	13	NA	9.3	NA	14	NA	16	NA	13	NA	34	NA	13	NA	26	NA	99	
Magnesium	mg/L	NA	200	NA	180	NA	190	NA	200	NA	190	NA	190	NA	180	NA	180	NA	180	NA	170	NA	190	NA	270	
Manganese	mg/L	NA	5.2	NA	4.9	NA	5.5	NA	5.7	NA	4.5	NA	5.4	NA	4.8	NA	3.1	NA	6.4	NA	3.9	NA	6.2	NA	15	
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.042	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Potassium	mg/L	12	13	11	12	13	13	11	12	12	12	17	12	12	12	7.9	7.6	9.8	13	7.9	9.8	9.4	13	12	22	
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sodium	mg/L	NA	280	NA	260	NA	260	NA	290	NA	290	NA	280	NA	330	NA	250	NA	290	NA	230	NA	260	NA	350	
VOLATILE ORGANIC COMPOUNDS																										
Acetone	µg/L	4.5	NA	NA	4.5	4.5	4.5	4.5	4.5	4.5	4.5	10	10	10	10	10	10	10	20	10	10	10	10	10	10	
1,4-Dioxane	µg/L	1	0.29	0.29	0.47	0.47	0.53	0.25	0.27	0.22	0.38	0.26	6.2	5.2	5.3	9.6	15	13	10	12	8.6	4.0	3.7	4.6	48	
1,4-Dichlorobenzene	µg/L	2.6	3.0	2.5	3.1	4.6	4.7	2.8	4.1	5.3	4.4	1.5	4.1	3.7	4.0	0.70	0.68	1.1	3.6	0.50	2.3	0.50	3.6	3.2	0.50	
Benzene	µg/L	2.2	2.2	2.6	2.6	2.6	2.5	1.4	2.1	2.2	2.1	0.28	1.6	1.5	1.6	0.44	0.25	0.43	0.58	0.50	0.25	0.50	0.70	0.63	0.50	
Chlorobenzene	µg/L	0.36	0.36	0.25	0.25	0.36	0.41	0.25	0.33	0.33	0.29	0.25	0.33	0.30	0.25	0.25	0.25	0.25	0.25	0.50	0.25	0.25	0.25	0.28	0.25	
cis-1,2-Dichloroethene	µg/L	4.0	3.7	4.2	4.8	3.2	2.7	1.4	2.1	3.0	3.3	1.6	2.2	1.8	1.8	0.69	0.48	0.25	1.1	1.5	0.50	0.55	0.51	1.5	1.5	
Ethylbenzene	µg/L	0.25	0.25	0.25	0.25	0.39	0.65	0.29	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	0.50	0.50	0.50	0.50	
Methyl tert-butyl ether	µg/L	1.6	1.8	2.0	1.9	2.4	2.5	1.4	1.4	1.7	1.6	1.3	1.1	1.5	1.2	0.75	0.45	0.25	1.1	0.50	0.77	0.50	1.2	1.3	0.50	
t-Butanol	µg/L	6.5	6.5	5.0	5.0	6.6	5.0	5.0	5.0	6.7	5.0	7.3	16	17	14	16	19	19	18	24	14	2.25	9.7	12	53	
Vinyl Chloride	µg/L	NA	0.40	0.37	0.29	0.25	0.84	0.49	0.45	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	0.25	0.25	0.25	0.25	
Trichloroethene	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Tetrahydrofuran	µg/L	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	16	

Note:
* : Sample exceeded holding time

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL DATA - COMBINED SUBDRAIN**

ANALYTE	UNITS	Sep 2013	Dec 2013	Mar 2014	Jun 2014	Sep 2014	Dec 2014	Mar 2015	Jun 2015	Sep 2015	Dec 2015	Mar 2016	June 2016	Sept 2016	Dec 2016	Mar 2017	June 2017	Sept 2017	Dec 2017	Mar 2018	June 2018	Sept 2018	Dec 2018
FIELD PARAMETERS																							
Dissolved Oxygen	mg/L	1.62	2.16	1.55	1.51	2.72	6.74	3.04	1.88	2.14	2.19	2.73	3.12	2.52	2.81	3.32	2.62	2.12	3.4	3.26	2.29	2.56	4.27
Oxidation-Reduction Potential	mV	-56	-106	-143	-106	-69	-41	-34	-71	108	66	120	89	170	-28	-18	94	224	189	166	182	-71	15
pH	units	7.07	7.33	6.47	6.84	6.01	6.44	6.66	6.44	6.68	7.17	6.97	6.88	6.84	6.56	6.32	7.43	6.69	6.57	6.25	6.25	6.00	6.85
Specific Conductance	umhos/cm	5800	5330	5260	2600	4310	3580	1280	3940	2390	2440	2640	2410	2330	3330	3850	4690	3800	2800	3460	2940	3540	3420
Temperature	C°	24.75	22.69	18.18	34.29	24.79	17.53	24.23	28.87	29.98	21.62	21.73	30.67	34.83	19.93	27.32	28.85	28.82	17.26	24.81	31.39	24.64	13.93
Turbidity	NTU	16.1	0.3	9.0	1.5	213	33.6	64.5	191	0.2	10.5	15.9	7.7	11.9	32.4	47.7	75.9	26.7	9.6	164	117	3.3	561
GENERAL CHEMISTRY																							
Alkalinity	mg/L	1300	920	960	570	490	540	410	550	310	310	310	320	340	830	210	450	230	300	260	280	640	290
Ammonia as N	meq/L	0.10	72	45	21	9.4	3.4	4.3	5.4	0.18	0.98	0.92	0.42	0.52	4.6	2.5	1.8	0.75	0.97	0.79	1.2	3.7	0.92
Bicarbonate	mg/L	NA	920	NA	570	NA	540	NA	550	NA	310	NA	320	NA	830	NA	450	NA	300	NA	280	NA	290
Bromide	mg/L	NA	6.9	NA	4.3	NA	2.6	NA	2.4	NA	0.58	NA	0.61	NA	2.5	NA	1.3	NA	0.77	NA	0.87	NA	1.4
Carbon Dioxide	mg/L	NA	290	NA	130	NA	190	NA	230	NA	44	NA	37	NA	380	NA	190	NA	42	NA	63	NA	64
Chemical Oxygen Demand (COD)	mg/L	550	430	350	210	160	77	10	86	10	13	21	25	27	81	28	75	28	10	15	10	56	110
Chloride	mg/L	510	460	200	300	340	110	58	130	40	40	38	44	29	130	44	100	54	61	55	63	61	120
Fluoride	mg/L	NA	4.1	NA	0.73	NA	1.8	NA	1.8	NA	1.6	NA	1.5	NA	2.5	NA	1.9	NA	1.1	NA	1.0	NA	1.2
Nitrate (as N)	mg/L	NA	0.55	NA	0.11	NA	1.2	NA	0.74	NA	2.3	NA	2.6	NA	0.11	NA	1.9	NA	2.5	NA	2.9	NA	3.4
Sulfate	mg/L	NA	1500	NA	310	NA	1500	NA	1300	NA	1200	NA	1100	NA	1700	NA	1700	NA	1300	NA	1500	NA	1600
Sulfide	mg/L	NA	0.02	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.020	NA	0.027	NA	0.027	NA	NA	NA	0.027
Total Dissolved Solids (TDS)	mg/L	4100	3800	3800	1700	3500	3100	2500	3100	2300	2100	2200	2200	1900	3500	3100	2900	2300	2300	2600	2700	3200	2900
Total Organic Carbon (TOC)	mg/L	170	150	58	80	51	25	10	30	4.2	4.5	5.2	4.4	3.9	29	9.9	17	6.1	5.9	8.7	6.1	23	18
METALS																							
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0090	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	2.0	NA	1.9	NA	0.74	NA	0.84	NA	0.18	NA	0.17	NA	1.0	NA	0.54	NA	0.24	NA	0.33	NA	0.56
Calcium	mg/L	NA	350	NA	160	NA	370	NA	360	NA	250	NA	230	NA	390	NA	330	NA	270	NA	290	NA	340
Iron	mg/L	NA	32	NA	5.6	NA	19	NA	21	NA	0.3	NA	0.59	NA	53	NA	14	NA	0.66	NA	12	NA	53
Magnesium	mg/L	NA	180	NA	75	NA	200	NA	160	NA	150	NA	210	NA	200	NA	200	NA	210	NA	210	NA	240
Manganese	mg/L	NA	6.6	NA	0.75	NA	5.0	NA	3.7	NA	0.42	NA	0.50	NA	4.7	NA	3.7	NA	0.86	NA	2.7	NA	3.90
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	99	72	61	45	20	14	7.0	12	5.8	5.4	6.2	5.5	5.2	17	11	10	6.6	6.9	9.1	7.8	12	14
Sodium	mg/L	NA	570	NA	270	NA	300	NA	330	NA	110	NA	100	NA	360	NA	190	NA	110	NA	120	NA	190
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS																							
1,4-Dichlorobenzene	ug/L	1.4	2.0	1.1	0.25	0.25	0.44	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.80	0.25	0.88	0.25	0.25	0.25	0.25	2.7	0.25
1,4-Dioxane	ug/L	61	45	51	17	25	14	10	24	2.6	2.1	0.24	10	2.0	1.4	19	5.5	7.8	2.9	4.1	3.8	5.1	5.4
Acetone	ug/L	10	4.5	6.2	7.3	4.5	4.5	4.5	4.5	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Benzene	ug/L	0.25	0.39	0.28	0.25	0.25	0.36	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Bromoform	ug/L	0.25	0.25	0.25	3.4	0.25	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Bromochloromethane	ug/L	0.25	0.25	0.25	0.52	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Chlorobenzene	ug/L	0.25	0.28	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Chloroform	ug/L	0.25	0.25	0.25	0.36	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
cis-1,2-Dichloroethene	ug/L	1.4	2.3	2.1	0.25	1.8	1.4	0.32	0.95	0.42	0.26	0.37	0.25	0.25	2.3	0.52	1.1	0.48	0.51	0.93	0.73	1.5	1.2
Dibromochloromethane	ug/L	0.25	0.25	0.25	4.9	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Dibromomethane	ug/L	0.25	0.25	0.25	0.50	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Bromodichloromethane	ug/L	0.25	0.25	0.25	1.2	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Ethylbenzene	ug/L	0.48	0.52	0.78	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Methylene Chloride	ug/L	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.89	1.1	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Methyl tert-butyl ether	ug/L	0.94	1.0	0.88	0.25	0.25	0.66	0.25	0.58	0.25	0.25	0.25	0.25	0.25	1.3	0.25	0.30	0.25	0.25	0.25	0.25	1.2	0.25
Naphthalene	ug/L	0.74	1.2	1.6	0.49	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
o-Xylene	ug/L	0.25	0.28	0.31	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
t-Butanol	ug/L	82	70	55	35	61	14	11	29	5.0	5.0	5.0	5.0	5.0	36	5.0	12	5.0	5.0	17	5.0	9.6	5.4
Tetrahydrofuran	ug/L	18	10	12	30	9.3	5.0	5.0	7.4	5.0	5.0	5.0	5.0	5.0	7.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Trichloroethene	ug/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.28	0.25	0.25	0.25
Toluene	ug/L	0.25	0.43	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL LEACHATE DATA: LR-2R**

ANALYTE	UNITS	Oct 2011	Apr 2012	Nov 2012	Oct 2013	Oct 2014	Oct 2015	Apr 2016	Oct 2016	Oct 2017	Oct 2018
GENERAL CHEMISTRY:											
Alkalinity, total	mg/L	2600	NA	1900	2000	NA	NA	NA	NA	NA	NA
Alkalinity, bicarbonate	mg/L	2600	NA	1900	2000	NA	NA	NA	NA	NA	NA
Ammonia-Nitrogen	mg/L	370	NA	220	240	NA	NA	NA	NA	NA	NA
Bromide	mg/L	23	NA	28	28	NA	NA	NA	NA	NA	NA
Carbon dioxide, free	mg/L	NA	NA	NA	350	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	1200	NA	1200	1100	NA	NA	NA	NA	NA	NA
Chloride	mg/L	1700	NA	1800	2000	NA	NA	NA	NA	NA	NA
Cyanide	mg/L	NA	NA	NA	0.017	0.013	0.013	NA	0.013	0.014	0.014
Fluoride	mg/L	3	NA	3.5	5	NA	NA	NA	NA	NA	NA
Nitrate+Nitrite	mg/L	0.02	NA	NA	0.026*	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	30	NA	170	180	NA	NA	NA	NA	NA	NA
Sulfide	mg/L	NA	NA	NA	0.89	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	5100	NA	5300	5400	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	330	NA	340	440	NA	NA	NA	NA	NA	NA
METALS:											
Antimony	mg/L	NA	NA	NA	NA	NA	0.012	NA	0.012	NA	NA
Arsenic	mg/L	0.036	NA	NA	NA	0.039	NA	NA	0.034	NA	NA
Barium	mg/L	0.83	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	0.0020	NA	0.0010	NA	NA
Boron	mg/L	6.2	NA	NA	6.0	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	0.0040	NA	0.0050	NA	NA
Calcium	mg/L	260	NA	NA	250	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.027	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.0095	NA	NA	NA	0.0050	0.025	NA	0.005	NA	NA
Iron	mg/L	21	NA	NA	25	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	0.013	NA	0.0025	NA	NA
Magnesium	mg/L	200	NA	NA	210	NA	NA	NA	NA	NA	NA
Manganese	mg/L	0.6	NA	NA	0.5	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	0.0010	NA	0.0010	NA	NA
Molybdenum	mg/L	0.008	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.037	NA	NA	NA	0.024	NA	NA	NA	NA	NA
Potassium	mg/L	280	NA	NA	270	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.052	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	0.010	NA	NA	NA	NA
Sodium	mg/L	1000	NA	NA	1000	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.017	NA	NA	0.016	0.0050	0.014	NA	0.0050	NA	NA
Tin	mg/L	NA	NA	NA	NA	0.012	0.024	NA	0.012	NA	NA
Vanadium	mg/L	0.017	NA	NA	NA	0.013	0.044	NA	NA	NA	NA
Zinc	mg/L	0.1	NA	NA	NA	0.069	NA	NA	NA	NA	NA

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL LEACHATE DATA: LR-2R**

ANALYTE	UNITS	Oct 2011	Apr 2012	Nov 2012	Oct 2013	Oct 2014	Oct 2015	Apr 2016	Oct 2016	Oct 2017	Oct 2018
VOLATILE ORGANIC COMPOUNDS (8260B):											
Acetone	µg/L	16	NA	40	16	26	22	NA	15	27	27
Benzene	µg/L	3.2	NA	0.75	2.3	4.1	4.2	NA	4.0	3.9	3.9
t-Butanol	µg/L	370	NA	200	450	500	470	NA	490	530	530
Chlorobenzene	µg/L	19	NA	7.5	26	39	32	NA	37	24	24
1,2-Dichlorobenzene	µg/L	7.4	NA	8.5	11	3.9	2.0	NA	2.3	6.2	6.2
1,3-Dichlorobenzene	µg/L	0.35	NA	0.35	0.32	0.39	0.30	NA	0.47	0.33	0.33
1,4-Dichlorobenzene	µg/L	6.7	NA	11	12	7.7	4.8	NA	6.5	9.9	9.9
cis-1,2-Dichloroethene	µg/L	0.46	NA	0.32	0.25	0.25	0.25	NA	0.25	0.25	0.25
Diethyl Ether	µg/L	NA	NA	0.8	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/L	0.44	NA	0.68	0.35	0.36	0.25	NA	0.28	1.4	1.4
Isopropylbenzene	µg/L	NA	NA	0.54	NA	NA	NA	NA	NA	NA	NA
Methyl tert-butyl ether	µg/L	0.67	NA	0.32	0.43	0.41	0.43	NA	0.25	0.58	0.58
Naphthalene	µg/L	7.4	NA	1.1	4.8	4.9	4.1	NA	7.7	17	17
n-Propylbenzene	µg/L	NA	NA	0.35	NA	NA	NA	NA	NA	NA	NA
Propylene	µg/L	NA	NA	3.4	NA	NA	NA	NA	NA	NA	NA
Tetrahydrofuran	µg/L	170	NA	60	110	210	160	NA	160	200	200
Toluene	µg/L	0.85	NA	0.36	0.7	0.57	0.46	NA	0.49	0.82	0.82
Xylenes, o	µg/L	0.43	NA	0.38	0.40	0.28	0.43	NA	0.64	1.0	1.0
Xylenes, p+m	µg/L	0.60	NA	0.60	0.63	0.50	0.50	NA	0.50	0.70	0.70
SEMIVOLATILE ORGANIC COMPOUNDS (8270):											
bis(2-Ethylhexyl)phthalate	µg/L	33	33	32	17	4.4	4.0	NA	4.0	10	10
Di-n-butyl phthalate	µg/L	38	NA	5.8	3	2.2	2.0	NA	2.0	2.2	2.2
Di-n-octyl phthalate	µg/L	95	NA	10	2	4.4	4.0	NA	24.0	4.4	4.4
1,2-Dichlorobenzene	µg/L	5.3	NA	12	6.8	2.9	1.5	NA	2.4	4.2	4.2
1,4-Dichlorobenzene	µg/L	4.6	NA	15	8.2	5.4	4.1	NA	2.4	6.9	6.9
1,4-Dioxane	µg/L	140	NA	130	110	190	120	NA	120	150	150
Naphthalene	µg/L	6.1	NA	1.9	2	3.1	3.6	NA	5.9	10	10
ORGANOPHOSPHOROUS COMPOUNDS (8141): None Detected											
CHLORINATED HERBICIDES (8151A): None Detected											
ORGANOCHLORINE PESTICIDES (8081A):											
EndoSulfan I	µg/L	ND	ND	ND	ND	ND	0.079	0.019	0.022	0.020	0.020
POLYCHLORINATED BIPHENYLS (8082): None Detected											

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL LEACHATE DATA: CA-L**

ANALYTE	UNITS	Oct 2008	Jul 2009	Oct 2009	Nov 2010	Oct 2011	Apr 2012	Nov 2012	Apr 2013	Oct 2013	Apr 2014	Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018
General Chemistry Parameters:																
Alkalinity, total	mg/L	1200	NA	NA	NA	2300	NA	3000	NA	2900	NA	NA	NA	NA	NA	NA
Alkalinity, bicarbonate	mg/L	1200	NA	680	NA	2300	NA	3000	NA	2900	NA	NA	NA	NA	NA	NA
Ammonia-Nitrogen	mg/L	7.8	NA	3.7	NA	97	NA	320	NA	240	NA	NA	NA	NA	NA	NA
Bromide	mg/L	2.8	NA	NA	NA	11	NA	16	NA	15	NA	NA	NA	NA	NA	NA
Carbon Dioxide, Free	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	320	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	100	NA	68	NA	600	NA	830	NA	810	NA	NA	NA	NA	NA	NA
Chloride	mg/L	400	NA	50	NA	1800	NA	2300	NA	2300	NA	NA	NA	NA	NA	NA
Cyanide	mg/L	0.0032	NA	0.0073	0.017	NA	NA	NA	NA	0.017	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	3.0	NA	3.5	NA	5.0	NA	NA	NA	NA	NA	NA
Nitrate+Nitrite	mg/L	0.05	NA	0.01	NA	0.02	NA	0.02	NA	0.043*	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	1200	NA	1300	NA	1200	NA	1000	NA	1400	NA	NA	NA	NA	NA	NA
Sulfide	mg/L	0.05	NA	0.05	0.02	NA	NA	NA	NA	0.22	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	3300	NA	2600	NA	7200	NA	8100	NA	8100	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	30	NA	21	NA	180	NA	250	NA	250	NA	NA	NA	NA	NA	NA
Metals:																
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.012	0.006	NA	NA
Arsenic	mg/L	0.017	NA	0.024	0.018	0.044	NA	0.014	NA	NA	NA	NA	NA	0.005	NA	NA
Barium	mg/L	0.084	NA	0.04	0.078	0.11	NA	0.27	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0020	0.0020	NA	NA
Boron	mg/L	0.71	NA	1.000	NA	4.8	NA	8.7	NA	6.4	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.00011	NA	0.00012	0.002	0.004	NA	0.004	NA	NA	NA	0.0020	0.0040	0.0040	NA	NA
Calcium	mg/L	340	NA	460	NA	470	NA	350	NA	240	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.0016	NA	0.00064	0.0042	0.018	NA	0.028	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.0013	NA	0.00082	0.002	0.0056	NA	0.0074	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.0026	NA	0.0052	0.003	0.006	NA	0.033	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	25	NA	4.1	NA	12	NA	2.3	NA	1.5	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.00063	NA	0.0012	0.004	0.008	NA	0.008	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	270	NA	170	NA	490	NA	680	NA	550	NA	NA	NA	NA	NA	NA
Manganese	mg/L	13	NA	10	NA	5.6	NA	1.9	NA	1.5	NA	NA	NA	NA	NA	NA
Mercury	mg/L	0.000016	NA	0.000022	0.0001	0.0001	NA	0.0001	NA	NA	NA	0.00020	0.0010	0.0010	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	0.0063	NA	0.004	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.0094	NA	0.0067	0.018	0.047	NA	0.19	NA	NA	NA	0.051	NA	NA	NA	NA
Potassium	mg/L	25	NA	19	46	120	NA	190	NA	200	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.0034	NA	0.0011	0.008	0.016	NA	0.018	NA	NA	NA	NA	NA	NA	NA	NA
Silicon	mg/L	NA	NA	39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.010	NA	NA	NA
Sodium	mg/L	390	NA	160	NA	1300	NA	1500	NA	1600	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.00054	NA	0.00017	0.007	0.019	NA	0.014	NA	0.016	NA	NA	0.017	0.005	NA	NA
Tin	mg/L	0.000041	NA	0.00034	0.012	NA	NA	0.024	NA	NA	NA	0.012	0.024	0.012	NA	NA
Titanium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.022	NA	NA	NA
Vanadium	mg/L	0.0024	NA	0.0026	0.0052	0.023	NA	0.048	NA	NA	NA	0.048	NA	NA	NA	NA
Zinc	mg/L	0.0085	NA	0.015	0.006	0.014	NA	0.17	NA	NA	NA	0.013	NA	NA	NA	NA

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL LEACHATE DATA: CA-L**

ANALYTE	UNITS	Oct 2008	Jul 2009	Oct 2009	Nov 2010	Oct 2011	Apr 2012	Nov 2012	Apr 2013	Oct 2013	Apr 2014	Oct 2014	Oct 2015	Oct 2016	Oct 2017	Oct 2018			
Volatile Organic Compounds (8260B):																			
Acetone	µg/L	18	7.4		8.2	6.2	21	NA		19	NA	18.0	NA	140	17	44	24	10	
Acrylonitrile	µg/L	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	5.6	0.40		
Benzene	µg/L	14	0.18		2.7	11	6.8	NA		5.7	NA	5.9	NA	8.9	3.8	2.9	4.8	3.2	
t-Butanol	µg/L	640		38	35	1000	1200	NA		1500	NA	1300	NA	1200	1200	1400	1400	520	
Carbon disulfide	µg/L	0.40	0.40	0.35	0.48	0.48	NA	0.96	NA	1.0	NA	1.3		0.99	0.50		1.6	1.3	
Chlorobenzene	µg/L	0.14	0.13		0.21	0.36	0.36	NA		0.72	NA	1.0	NA	1.3	0.32	0.38	0.43	20	
Chloroethane	µg/L	0.83	0.25	0.11		0.43	0.40	NA		0.40	NA	1.0	NA	1.3	0.40	0.40	0.40	0.40	
Dichlorodifluoromethane	µg/L	0.45	0.21	0.11		0.26	0.26	NA		0.52	NA	1.0	NA	1.3	0.25	0.25	0.25	0.52	
1,1-Dichloroethane	µg/L	2.7		0.32		0.27	1.0		0.58	NA	0.8	NA	1.0	NA	1.3	0.25	0.25	0.25	0.8
1,2-Dichlorobenzene	µg/L	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	4.6	
1,3-Dichlorobenzene	µg/L	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.26	
1,4-Dichlorobenzene	µg/L	2.1	0.16		2.1	6.7	3.8	NA		6.3	NA	7.3	NA	19	5.4	6.7	8.2	8.9	
1,2-Dichloroethane	µg/L	26	2.2		1.7	12	8	NA		2.6	NA	2.3	NA	5.0	1.1	0.70	0.65	0.25	
1,1-Dichloroethene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.42	0.25	0.25	
cis-1,2-Dichloroethene	µg/L	16	0.77		2.7	8.1	6.3	NA		2.1	NA	2.6	NA	2.30	1.5	1.6	2.0	0.25	
1,2-Dichloropropane	µg/L	2	0.16		0.31	0.35	1.2	NA		0.70	NA	1.0	NA	1.3	0.46	0.26	0.32	1.3	
2-Butanone (MEK)	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Diethylether	µg/L	NA	NA		3.1	NA	NA	NA		3.3	NA	NA	NA	NA	NA	NA	NA	NA	
Ethylbenzene	µg/L	0.76	0.14		1.1	0.25	0.25	NA		0.50	NA	4.0	NA	19	0.25	0.25	0.25	0.53	
Isobutyl Alcohol	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	
Methyl ethyl ketone	µg/L	13	2.4	2.5	4.7	4.7	NA	9.4	NA	10	NA	10	NA	220	12	24	2.5	2.5	
4-Methyl-2-pentanone	µg/L	NA	NA	NA	NA	NA	NA	1.5	NA	10	NA	NA	2.5	2.5	2.5	2.5	2.5		
Methyl tert-butyl ether	µg/L	9.8	1.9	1.4	5.4	4.0	NA	1.5	NA	1.5	NA	1.3	1.1	0.76	0.81	0.43			
Naphthalene	µg/L	0.3	0.3	0.36	0.41	0.41	NA	0.82	NA	1.0	NA	2.0	0.40	0.40	0.40	0.40	13		
Propylene	µg/L	NA	NA	NA	NA	NA	NA	0.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Styrene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	0.25	0.25	0.25	0.25		
Tetrahydrofuran	µg/L	13	11	5.2	18	13	NA	8.9	NA	5.0	NA	28	8.1	10	13	100			
Toluene	µg/L	0.26	0.12		0.11	0.86	0.36	NA		0.72	NA	1.0	NA	36	0.25	0.25	0.44	0.76	
Tetrachloroethene	µg/L	1.3	0.32		0.37	0.26	0.26	NA		0.52	NA	1.0	NA	1.4	0.25	0.25	0.25	0.25	
Trichloroethene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.27	0.25	0.37	0.25		
Vinyl Chloride	µg/L	0.2	0.16	0.14		1.5	2.1	NA		0.80	NA	1.0	NA	1.3	0.37	0.25	0.25	0.25	
m+p-Xylenes	µg/L	0.42	0.42		0.19	0.6	0.6	NA		1.2	NA	2.0	NA	34	0.50	0.50	0.50	0.67	
o-Xylene	µg/L	0.22	0.12		0.42	0.3	0.3	NA		0.6	NA	1.0	NA	17	0.25	0.25	0.25	1.1	
Semivolatile Organic Compounds (8270):																			
Benzoic acid	µg/L	NA	NA	NA	NA	NA	15	28	NA	37	23	23	3.8	250	20	20			
bis(2-Ethylhexyl) phthalate	µg/L	1.1	NA	1.8	3.11	16	3.2	16	NA	8.3	NA	23	3.8	3.8	20	3.8			
Diethyl phthalate	µg/L	0.85	NA	0.33	2.64	0.95	0.44	0.95	NA	0.49	NA	5.7	0.96	0.96	5.1	0.96			
1,2-Dichlorobenzene	µg/L	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7		
1,4-Dichlorobenzene	µg/L	NA	NA	NA	4.42	3.2	4.6	4.7	NA	4.2	NA	14	4.1	2.0	5.1	5.5			
Di-n-butyl phthalate	µg/L	0.74	NA	0.39	3.02	2.5	0.57	2.8	NA	1.5	NA	11	1.9	1.9	10	1.9			
1,4-Dioxane	µg/L	NA	NA	0.32	NA	77	NA	110	NA	89	NA	110*	86	97	130	190			
3-methylphenol+4methylphenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	97	20	20			
2-Methylnaphthalene	µg/L	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	2.4		
Naphthalene	µg/L	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	11		
Phenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	5.1	5.1			
Organophosphorus Compounds (8141): None Detected																			
Chlorinated Herbicides (8151A):																			
2,4-D	µg/L	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	0.68	0.45	0.71	0.71			
MCPP	µg/L	NA	NA	NA	NA	NA	NA	44	52	45	NA	46	44	44	280	280			
Silvex (2,4,5-TP)	µg/L	0.16	NA	0.016	0.2	NA	NA	0.15	0.10	0.1	NA	0.11	0.10	0.77	0.24	0.24			
Organochlorine Pesticides and Polychlorinated Biphenyls (8081A/8082): None Detected																			

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL LEACHATE DATA: LEACHATE**

Analyte	Units	Oct 2008	Oct 2009	Nov 2010	Jan 2012	Apr 2012	Jan 2013	Apr 2013	Oct 2013	Apr 2014	Oct 2014	Apr 2015	Oct 2015	Apr 2016	Oct 2016
General Chemistry Parameters:															
Alkalinity, total	mg/L	2400	2200	NA	18000	NA	19000	NA	1300	NA	NA	NA	NA	NA	NA
Alkalinity, bicarbonate	mg/L	2400	2200	NA	18000	NA	19000	NA	1300	NA	NA	NA	NA	NA	NA
Ammonia-Nitrogen	mg/L	170	55	NA	2250	NA	3700	NA	46	NA	NA	NA	NA	NA	NA
Bromide	mg/L	18	10	NA	180	NA	65	NA	7.4	NA	NA	NA	NA	NA	NA
Carbon Dioxide, Free	mg/L	NA	NA	NA	NA	NA	NA	NA	140	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	1200	820	NA	10000	NA	23000	NA	340	NA	NA	NA	NA	NA	NA
Chloride	mg/L	2200	2400	NA	3000	NA	4200	NA	600	NA	NA	NA	NA	NA	NA
Cyanide	mg/L	0.005	0.0059	NA	0.035	NA	NA	NA	0.170	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	2.7	1.6	NA	75	NA	18	NA	5.0	NA	NA	NA	NA	NA	NA
Nitrate+Nitrite	mg/L	0.050	0.015	NA	0.02	NA	0.020	NA	0.034*	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	1300	1900	NA	2100	NA	240	NA	3700	NA	NA	NA	NA	NA	NA
Sulfide	mg/L	0.33	0.05	0.026	1	NA	240	NA	0.1	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	7900	8600	NA	50000	NA	24000	NA	7000	NA	NA	NA	NA	NA	NA
Total Organic Carbon	mg/L	280	230	NA	57000	NA	7400	NA	130	NA	NA	NA	NA	NA	NA
Metals:															
Antimony	mg/L	0.00032	NA	0.0088	0.14	NA	NA	NA	NA	NA	0.030	NA	0.030	NA	0.006
Arsenic	mg/L	0.0093	NA	0.013	0.21	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0052
Barium	mg/L	0.29	NA	0.14	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0050	NA	0.001
Boron	mg/L	0.0024	5	NA	26	NA	27	NA	10	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.000097	NA	0.002	0.04	NA	NA	NA	NA	0.010	NA	0.010	NA	NA	0.002
Calcium	mg/L	190	440	NA	4100	NA	83	NA	240	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.017	NA	0.0049	0.46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.0083	NA	0.0057	0.24	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.0032	NA	0.0051	0.067	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	1.3	7.1	NA	1200	NA	35	NA	39	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.013	NA	0.0025
Magnesium	mg/L	230	570	NA	980	NA	250	NA	670	NA	NA	NA	NA	NA	NA
Manganese	mg/L	0.0044	2.9	NA	40	NA	0.35	NA	0.14	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0010	NA	0.001
Nickel	mg/L	0.059	NA	0.042	1.1	NA	NA	NA	NA	NA	0.13	NA	NA	NA	NA
Potassium	mg/L	65	140	140	2400	NA	2100	NA	100	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.025	NA	0.008	0.52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025	NA	NA
Sodium	mg/L	640	1700	NA	3900	NA	4400	NA	1100	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.054	NA	0.007	0.33	NA	NA	NA	0.016	NA	NA	NA	NA	NA	NA
Tin	mg/L	0.00062	NA	0.016	0.24	NA	NA	NA	NA	NA	0.060	NA	0.060	NA	0.012
Titanium	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15	NA	0.025	NA	NA
Vanadium	mg/L	0.028	NA	0.0087	0.1	NA	NA	NA	NA	NA	0.078	NA	NA	NA	NA
Zinc	mg/L	0.012	NA	0.006	12	NA	NA	NA	NA	NA	0.39	NA	NA	NA	NA

**SUNSHINE CANYON SANITARY LANDFILL
HISTORICAL LEACHATE DATA: LEACHATE**

Analyte	Units	Oct 2008	Oct 2009	Nov 2010	Jan 2012	Apr 2012	Jan 2013	Apr 2013	Oct 2013	Apr 2014	Oct 2014	Apr 2015	Oct 2015	Apr 2016	Oct 2016
Volatile Organic Compounds (8260B):															
Acetone	µg/L	8.3	10	7.9	6800	NA	15000	NA	14	NA	51000	NA	31000	NA	250
Acetonitrile	µg/L	5.2	6.3	9	1400	180	210	NA	10	NA	25	NA	1000	NA	250
Benzene	µg/L	3.8	5.8	4.1	33	NA	3.7	NA	3.3	NA	10	NA	25	NA	6.3
t-Butanol	µg/L	1700	1500	1500	1200	NA	1100	NA	620	NA	1200	NA	660	NA	980
Carbon disulfide	µg/L	0.4	0.57	0.48	48	NA	2.7	NA	0.25	NA	10	NA	50	NA	13
Chlorobenzene	µg/L	0.65	0.47	0.36	36	NA	1.8	NA	0.25	NA	10	NA	25	NA	6.3
1,2-Dichlorobenzene	µg/L	0.33	0.15	0.32	32	NA	1.6	NA	0.25	NA	20	NA	25	NA	6.3
1,4-Dichlorobenzene	µg/L	13	7	5.3	37	NA	5.0	NA	3.3	NA	10	NA	25	NA	6.3
1,1-Dichloroethane	µg/L	0.73	0.54	0.4	40	NA	NA	NA	0.25	NA	10	NA	25	NA	6.3
1,2-Dichloroethane	µg/L	0.5	0.65	0.68	28	NA	1.8	NA	0.94	NA	10	NA	25	NA	6.3
cis-1,2-Dichloroethene	µg/L	1.1	0.49	2.5	32	NA	1.6	NA	1.4	NA	10	NA	25	NA	6.3
1,2-Dichloropropane	µg/L	0.2	0.21	0.35	35	NA	ND	NA	0.25	NA	10	NA	25	NA	6.3
Diethyl ether	µg/L	NA	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	µg/L	0.33	0.14	0.25	25	NA	4.6	NA	0.73	NA	10	NA	25	NA	6.3
2-Hexanone	µg/L	2.5	2.9	2.9	260	NA	57	NA	2.5	NA	100	NA	NA	NA	63
Isobutyl Alcohol	µg/L	13	13	7	21000	NA	NA	NA	10	NA	400	NA	1300	NA	2400
Methyl ethyl ketone	µg/L	2.4	2.4	4.7	5200	NA	14000	NA	2.5	NA	34000	NA	17000	NA	2600
Methyl isobutyl ketone	µg/L	3.4	3.4	3.5	350	NA	240	NA	2.5	NA	160	NA	250	NA	66
Methyl tert-butyl ether	µg/L	11	7.2	5.7	32	NA	1.6	NA	0.82	NA	10	NA	25	NA	6.3
Naphthalene	µg/L	0.39	0.3	0.41	41	NA	2.1	NA	27	NA	16	NA	40	NA	10
Propionitrile	µg/L	13	13	7	700	NA	52	NA	10	NA	400	NA	1000	NA	250
Styrene	µg/L	0.18	0.18	0.2	24	NA	2	NA	0.25	NA	10	NA	25	NA	6.3
Tetrahydrofuran	µg/L	25	14	18	1200	NA	610	NA	0.25	NA	580	NA	500	NA	520
Toluene	µg/L	0.12	0.15	0.36	120	NA	32	NA	0.25	NA	22	NA	25	NA	21
Xylenes, o	µg/L	0.14	0.12	0.3	30	NA	4.2	NA	0.25	NA	10	NA	NA	NA	6.3
Xylenes, p+m	µg/L	0.42	0.42	0.6	60	NA	8.5	NA	0.5	NA	20	NA	NA	NA	13
Vinyl Chloride	µg/L	2.4	2.2	1.4	40	NA	ND	NA	0.25	NA	10	NA	25	NA	6.3
Semivolatile Organic Compounds (8270):															
Benzoic acid	µg/L	NA	NA	NA	NA	NA	2000	NA	14	5500	67000	NA	7700	NA	14000
Butyl benzyl phthalate	µg/L	NA	4.7	3.52	32000	1700	ND	NA	1.4	NA	5000	NA	7700	NA	4500
Di-n-butyl phthalate	µg/L	NA	4.7	3.05	5100	NA	NA	NA	0.2	NA	2500	NA	7700	NA	2200
1,4-Dichlorobenzene	µg/L	NA	NA	3.88	5100	NA	NA	NA	1.7	NA	500	NA	770	NA	450
1,4-Dioxane	µg/L	140	NA	NA	3	NA	150	NA	14	NA	130	NA	120	NA	59
3-Methylphenol + 4-Methylphenol	µg/L	NA	16	2.19	15000	ND	ND	ND	ND	ND	25000	22000	40000	NA	4500
Phenol	µg/L	NA	2	1.62	15000	NA	670	NA	0.61	NA	33000	NA	59000	56000	8000
Organophosphorus Compounds (8141):															
Demeton-S	µg/L	NA	NA	NA	NA	NA	0.069	0.08	0.068	NA	0.16	NA	0.079	NA	NA
Disulfoton	µg/L	NA	NA	NA	NA	NA	0.13	0.098	0.097	NA	0.10	NA	0.097	NA	0.091
Fenthion	µg/L	NA	NA	NA	NA	NA	0.1	0.36	0.081	NA	0.085	NA	0.11	NA	NA
Mevinphos	µg/L	NA	NA	NA	NA	NA	0.095	0.11	0.094	NA	0.098	NA	0.094	NA	NA
Mocap	µg/L	NA	NA	NA	NA	NA	0.19	0.098	0.097	NA	0.10	NA	0.097	NA	NA
Stirophos	µg/L	NA	NA	NA	NA	NA	0.14	0.093	0.092	NA	0.096	NA	0.092	NA	NA
Sulfotepp	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14	NA	0.091	NA	NA
Tokuthion	µg/L	NA	NA	NA	NA	NA	0.091	0.35	0.09	NA	0.094	NA	0.090	NA	NA
Chlorinated Herbicides (8151A):															
2,4-D	µg/L	NA	NA	0.41	9	NA	2.1	0.44	0.45	NA	0.45	NA	0.45	NA	0.45
Dicamba	µg/L	NA	NA	NA	NA	NA	0.89	1.7	0.26	NA	0.26	NA	0.26	NA	NA
Dichlorprop	µg/L	NA	NA	NA	NA	NA	7.0	1.9	0.53	NA	0.54	NA	0.53	NA	NA
Dinoseb	µg/L	NA	NA	NA	NA	NA	6.2	0.24	0.13	NA	0.13	NA	0.13	NA	NA
MCPA	µg/L	NA	NA	NA	NA	NA	440	49	51	NA	8100	NA	51	NA	NA
MCPP	µg/L	NA	NA	NA	NA	NA	44	44	45	NA	46	NA	45	NA	NA
Pentachlorophenol	µg/L	NA	7.9	2.48	2600	NA	0.1	0.19	0.077	NA	0.15	NA	0.077	NA	2.4
Silvex (2,4,5-TP)	µg/L	0.016	0.16	0.2	0.78	NA	0.9	0.10	0.11	NA	1.1	ND	0.11	NA	0.11
Organochlorine Pesticides (8081A):															
Endosulfan I	µg/L	0.0016	0.0016	0.029	0.2	NA	ND	NA	0.57	0.019	0.50	NA	0.050	NA	0.022
Polychlorinated Biphenyls (8082): None Detected															