

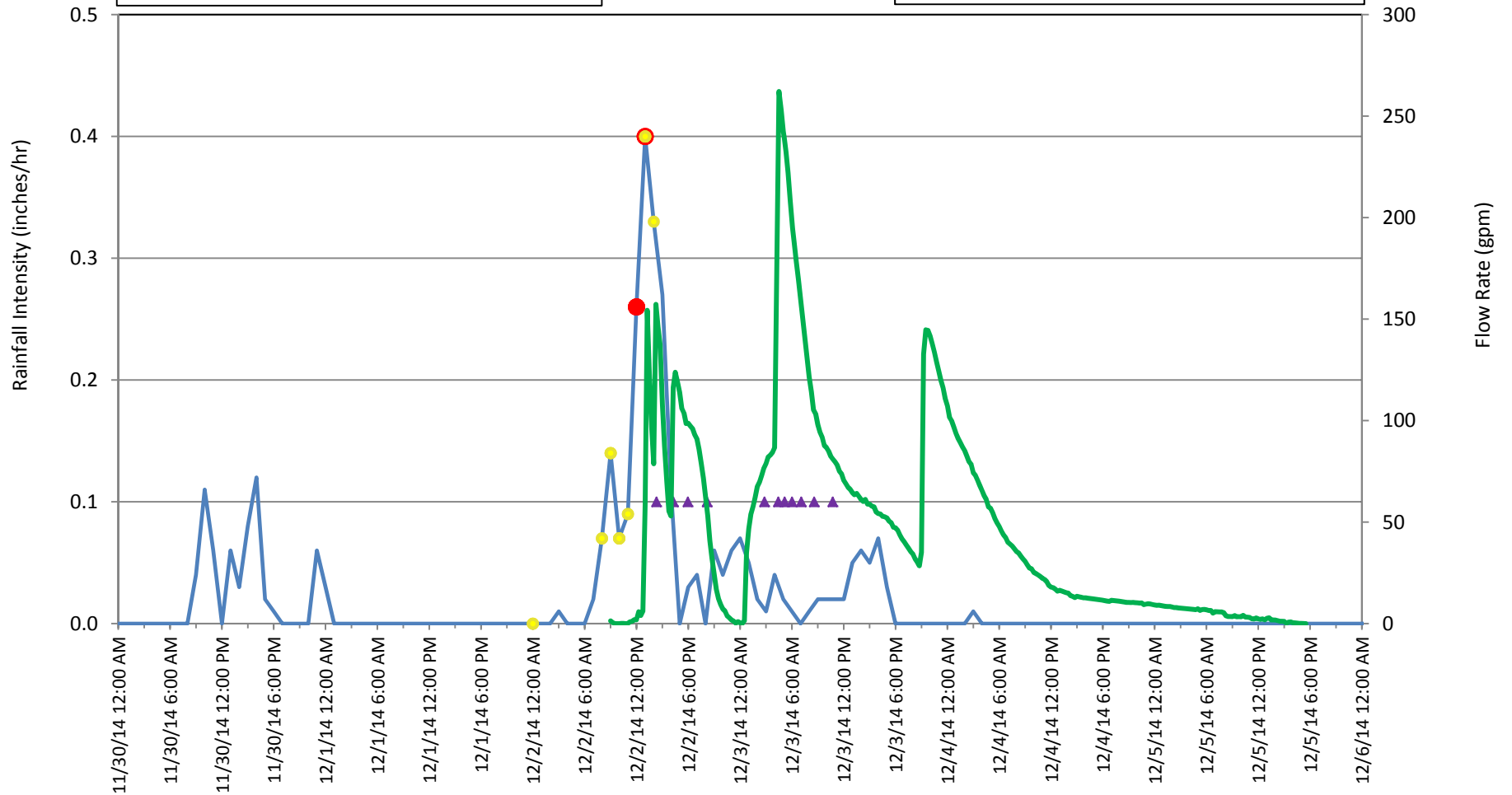
**APPENDIX A**  
**RAIN EVENT AND SAMPLING CHARTS**  
**2014/2015 RAINY SEASON**

### Rain Event November 30 - December 4, 2014

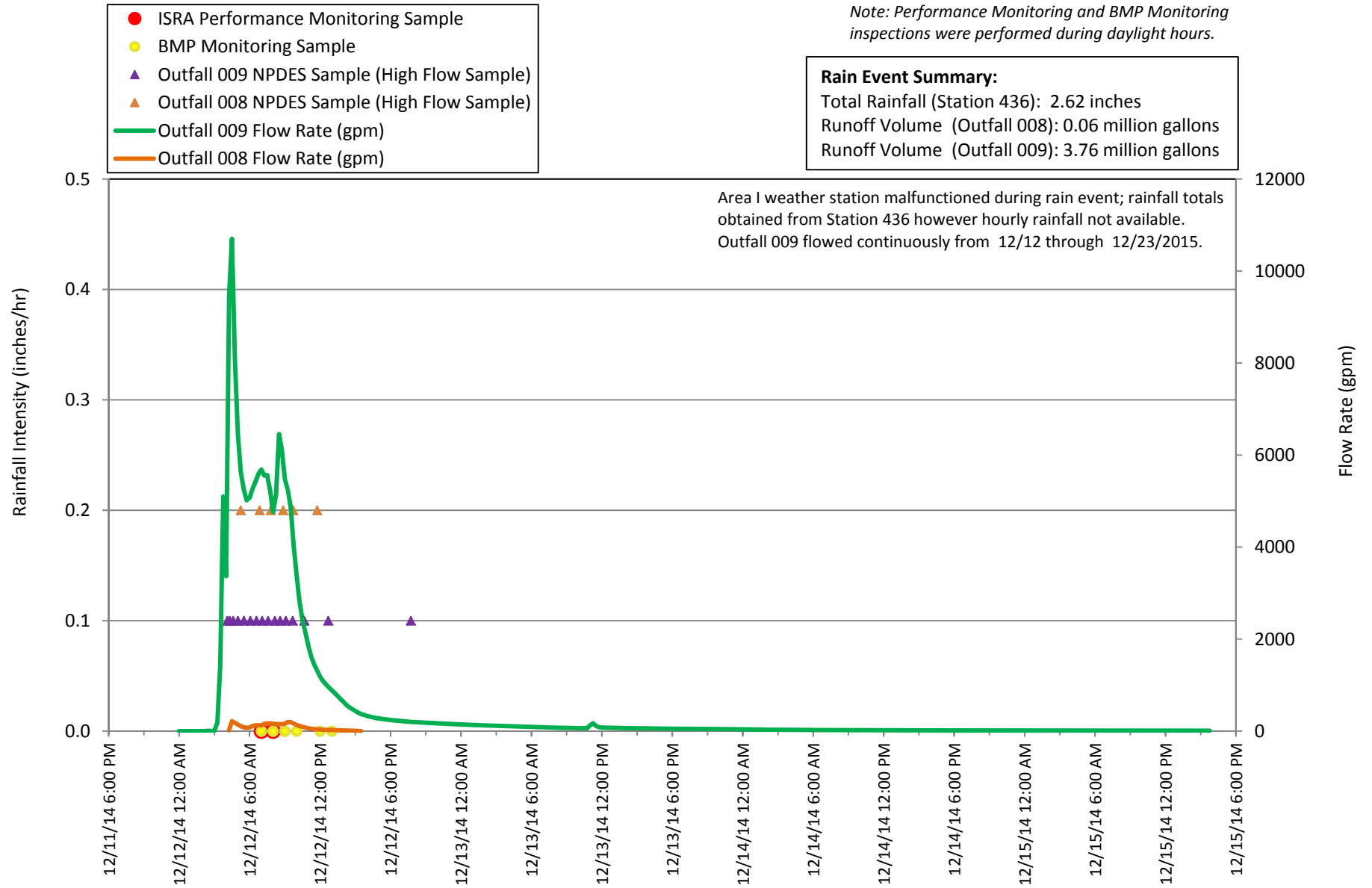
- ISRA Performance Monitoring Sample
- BMP Monitoring Sample
- ▲ Outfall 009 NPDES Sample (high flow sample)
- Rainfall, Intensity (Inches/hr); Area I Rain Gauge
- Outfall 009 Flow Rate (gpm)

*Note: Performance Monitoring and BMP Monitoring inspections were performed during daylight hours.*

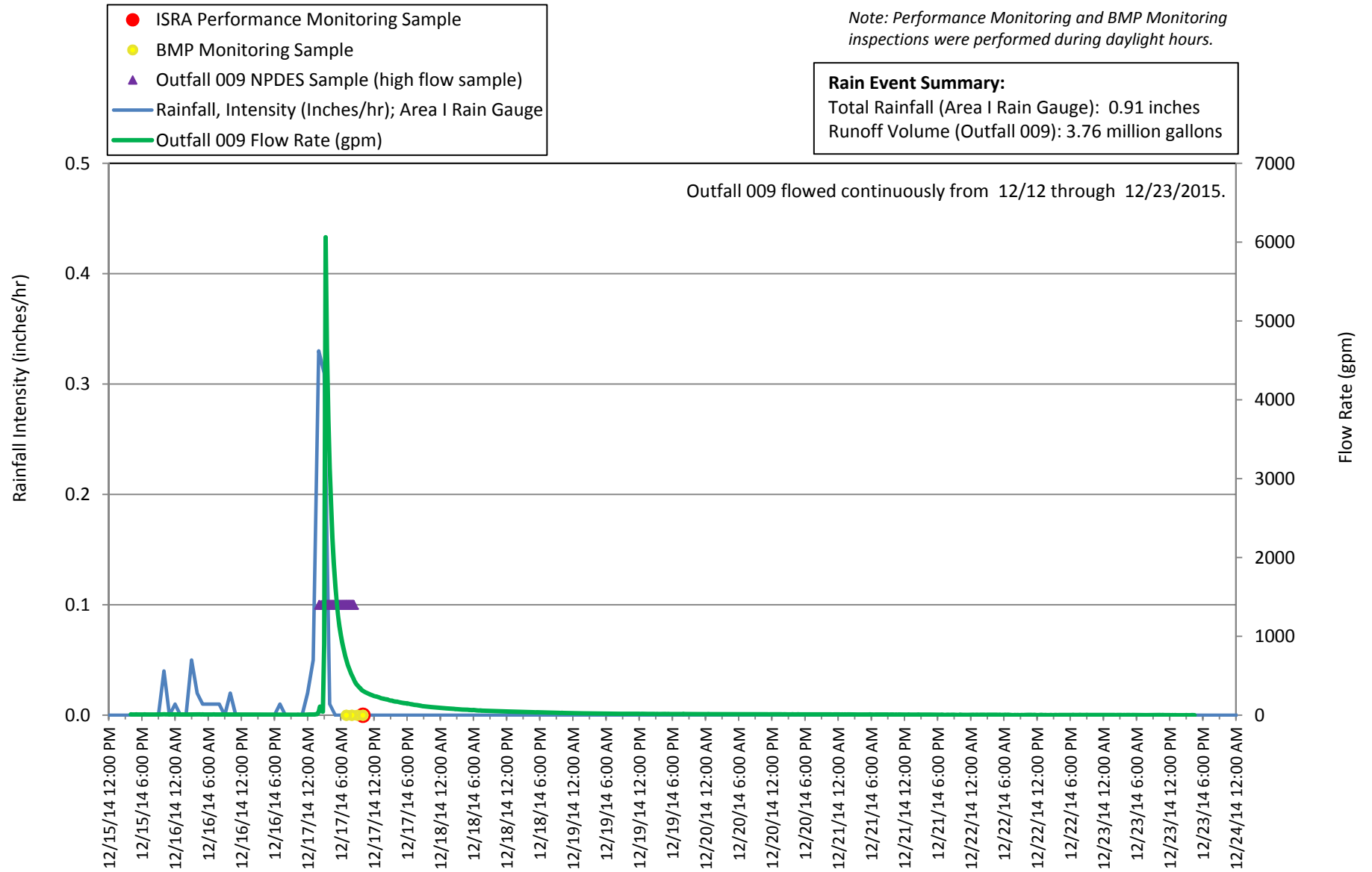
**Rain Event Summary:**  
 Total Rainfall (Area I Rain Gauge): 3.20 inches  
 Runoff Volume (Outfall 009): 0.23 million gallons



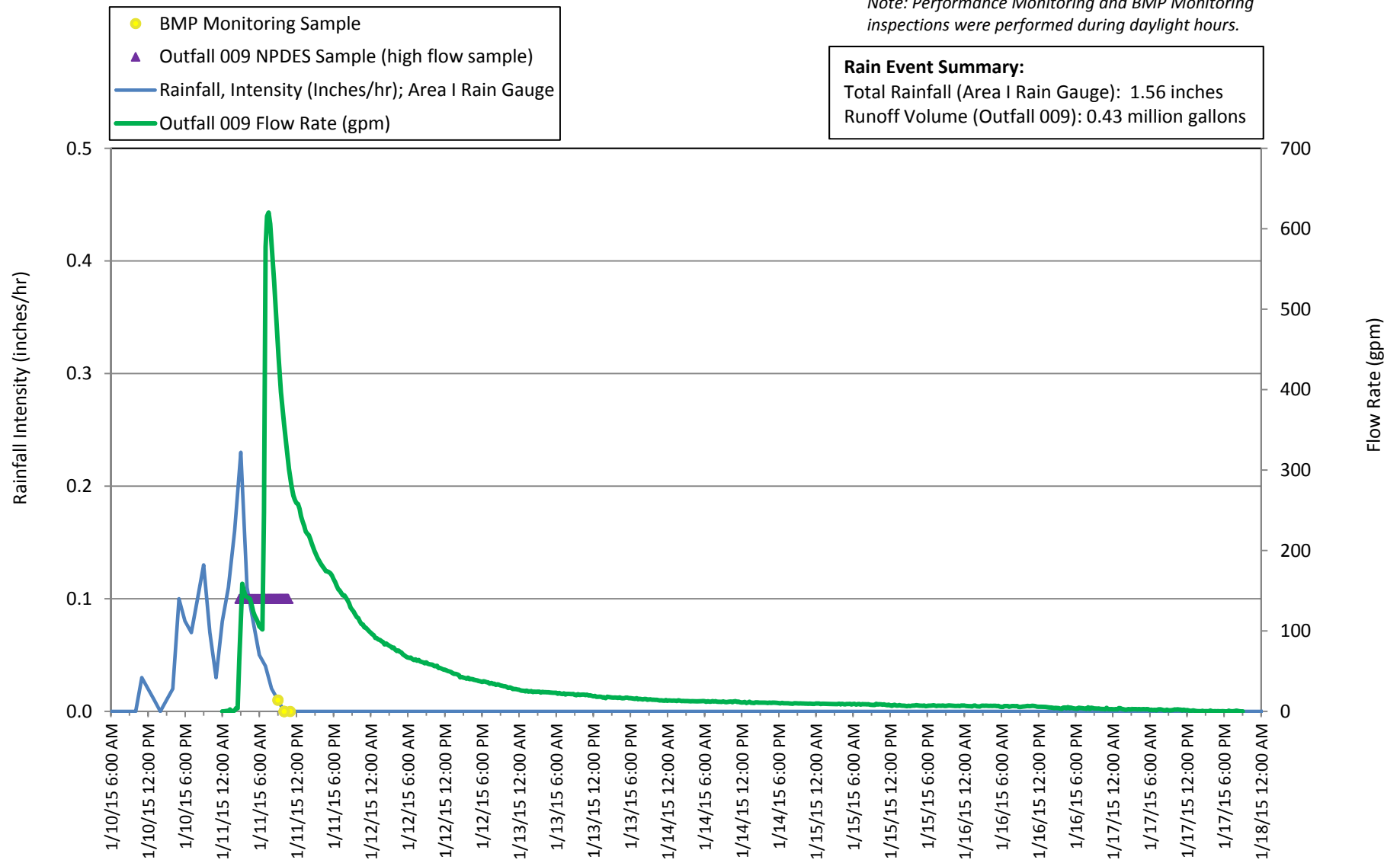
### Rain Event December 11 - 12, 2014



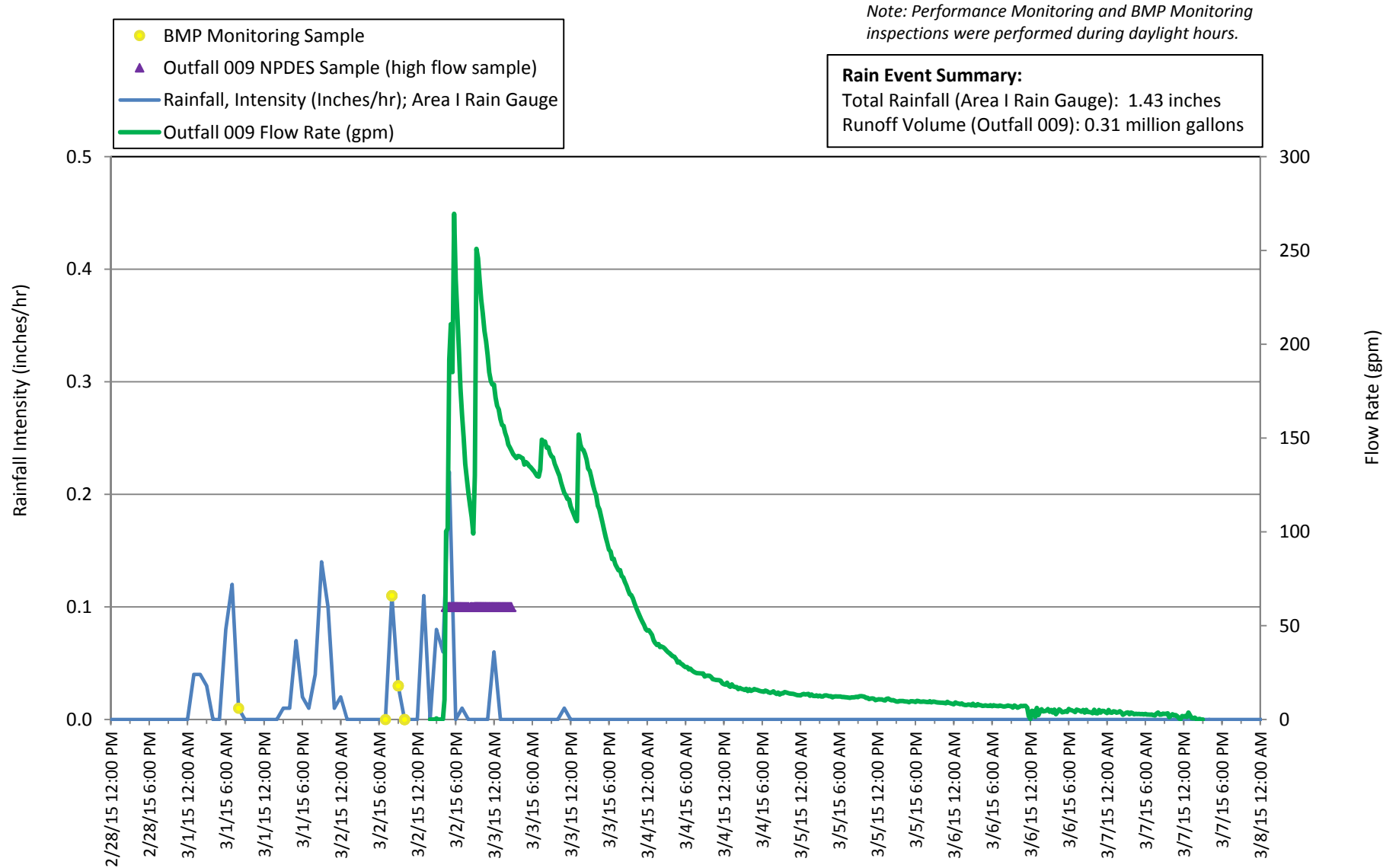
### Rain Event December 15 - 17, 2014



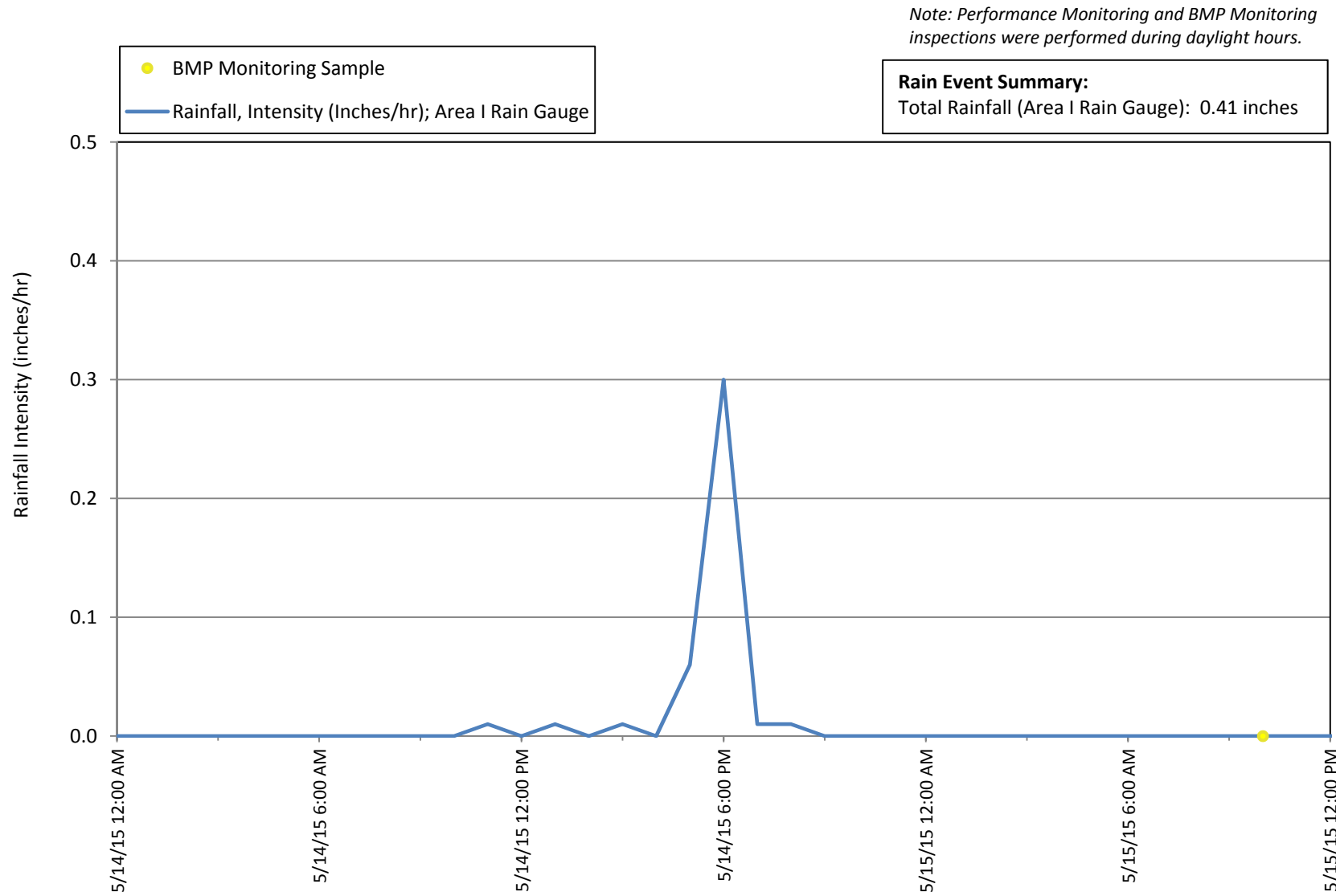
### Rain Event January 10 - 11, 2015



### Rain Event March 1 - 3, 2015



### Rain Event May 14, 2015



**APPENDIX B**  
**LABORATORY AND DATA VALIDATION REPORTS**  
**PERFORMANCE MONITORING AND BMP MONITORING SAMPLES**  
**2014/2015 RAINY SEASON**



**Table B-1**  
**Laboratory Reports and Data Validation Reports**  
**2014/2015 Rainy Season**  
**Page 1 of 1**

Sample Collection Date	Sample Delivery Group	Sample Type	ISRA Performance Monitoring	BMP Monitoring	Laboratory Name	Validation Report
12/2/2014	14-12-0198	Primary	X	X	CALS/CFA	Y
12/2/2014	440-94754-1, 440-94754-3	Primary		X	TA-Irvine/TA-Knoxville/PTS	Y
12/12/2014	14-12-1340	Primary	X	X	CALS/CFA	Y
12/12/2014	440-96474-1	Primary	X		TA-Irvine	N
12/12/2014	440-96476-1	Primary		X	TA-Irvine/TA-Knoxville/PTS	Y
12/12/2014	J63087	RWQCB Split	X		ASL/Weck	N
12/17/2014	14-12-1690	Primary		X	CALS/CFA	Y
12/17/2014	440-97088-1, 440-97088-2	Primary		X	TA-Irvine/TA-Knoxville/PTS	Y
1/11/2015	440-98718-1	Primary		X	TA-Irvine/TA-Sacramento/PTS	Y
3/1/2015	440-103140-1	Primary		X	TA-Irvine/TA-Sacramento/PTS	Y
3/2/2015	440-103143-1	Primary		X	TA-Irvine/TA-Sacramento/PTS	Y
5/14/2015	440-110094-1	Primary		X	TA-Irvine/TA-Knoxville/PTS	Y

**Notes**

ASL - American Scientific Laboratories, LLC  
PTS - PTS Laboratories, Inc., Santa Fe Springs, California  
TA-Irvine - Test America Laboratories, Irvine, California  
TA-Knoxville - Test America Laboratories, Knoxville, Tennessee  
TA-Sacramento - Test America Laboratories, West Sacramento, California  
WECK - Weck Laboratories, Inc.  
CALS - Eurofins/CalScience  
CFA - Cape Fear Analytical, LLC

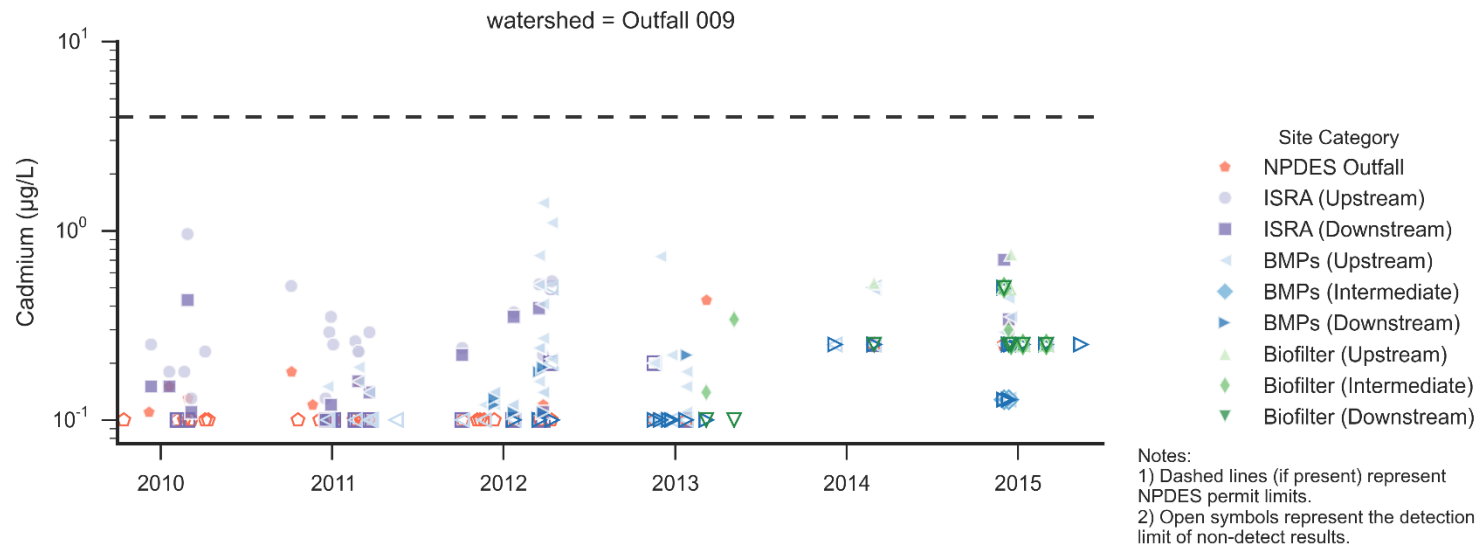
**Please contact Art Lenox at 818-466-8795 if you would like to receive a CD containing the Laboratory and Data Validation Reports listed in Table B-1. The reports are not posted to the Boeing External Website due to the large file size.**

**APPENDIX C**  
**PERFORMANCE MONITORING CHARTS**  
**2014/2015 RAINY SEASON**

**APPENDIX C-1**  
**PERFORMANCE MONITORING DATA GRAPHS VS. TIME**

# TIMESERIES CHARTS ISRA PERFORMANCE MONITORING PROGRAM

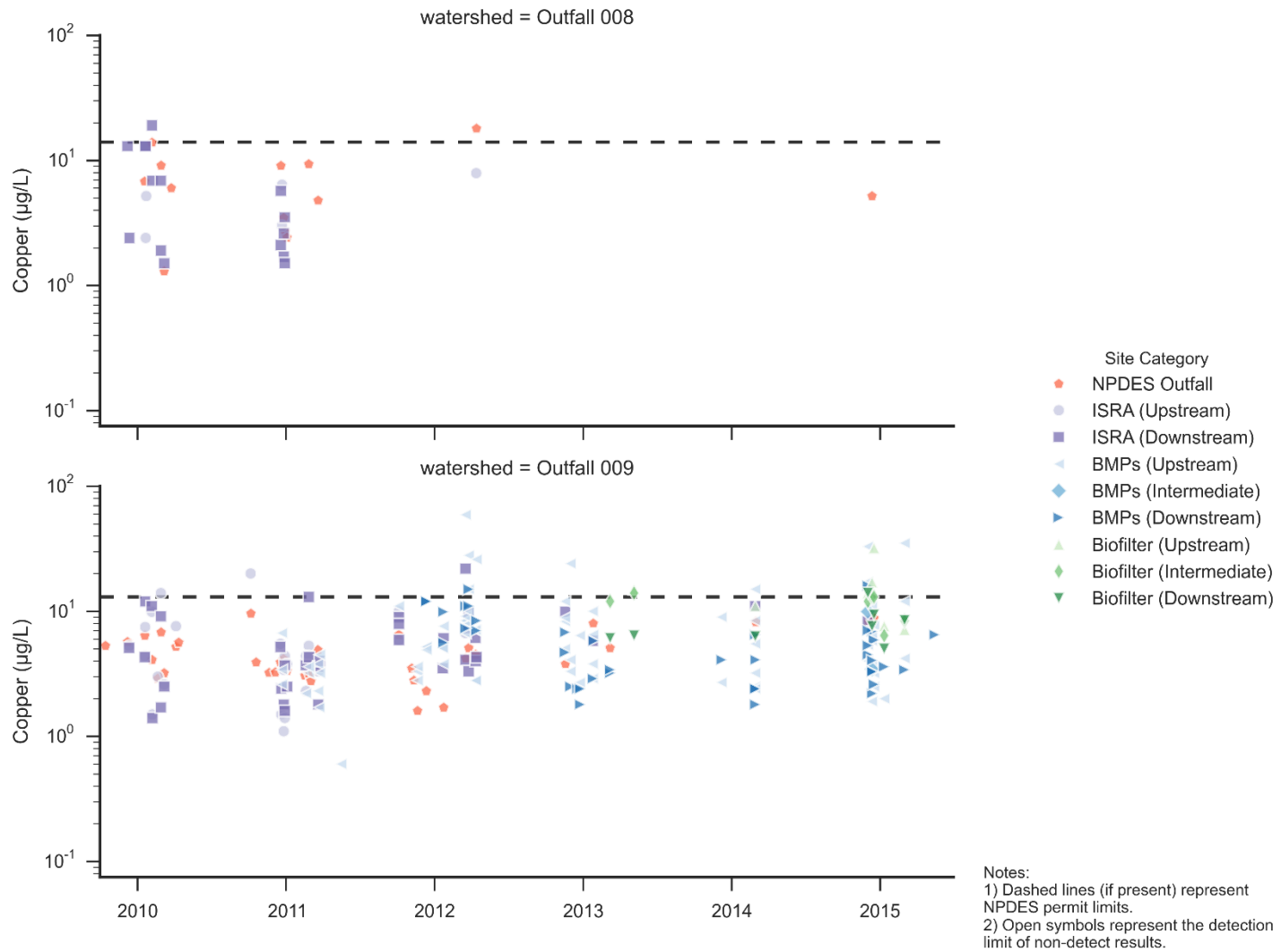
## CADMIUM



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

**TIMESERIES CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

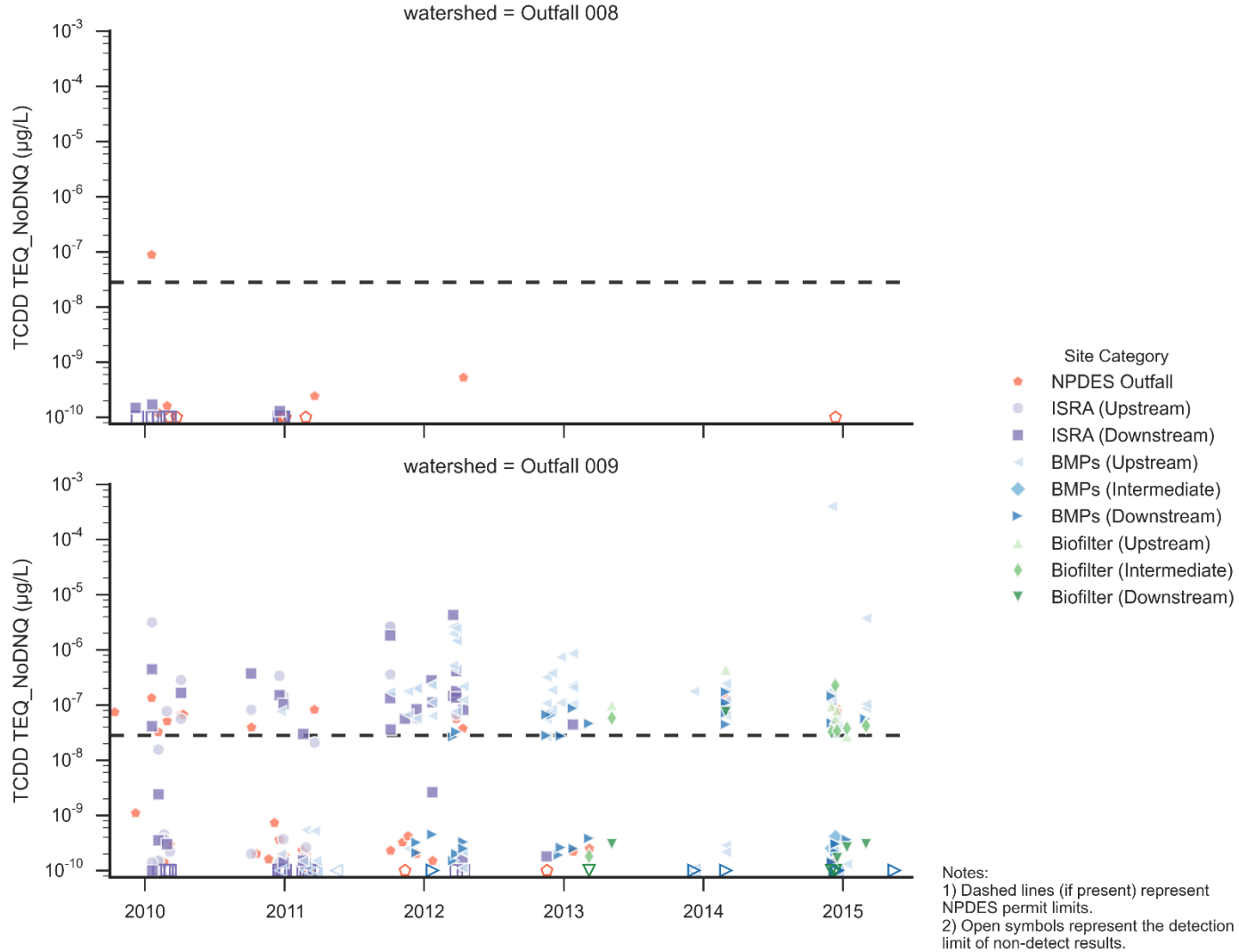
**COPPER**



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

# TIMESERIES CHARTS ISRA PERFORMANCE MONITORING PROGRAM

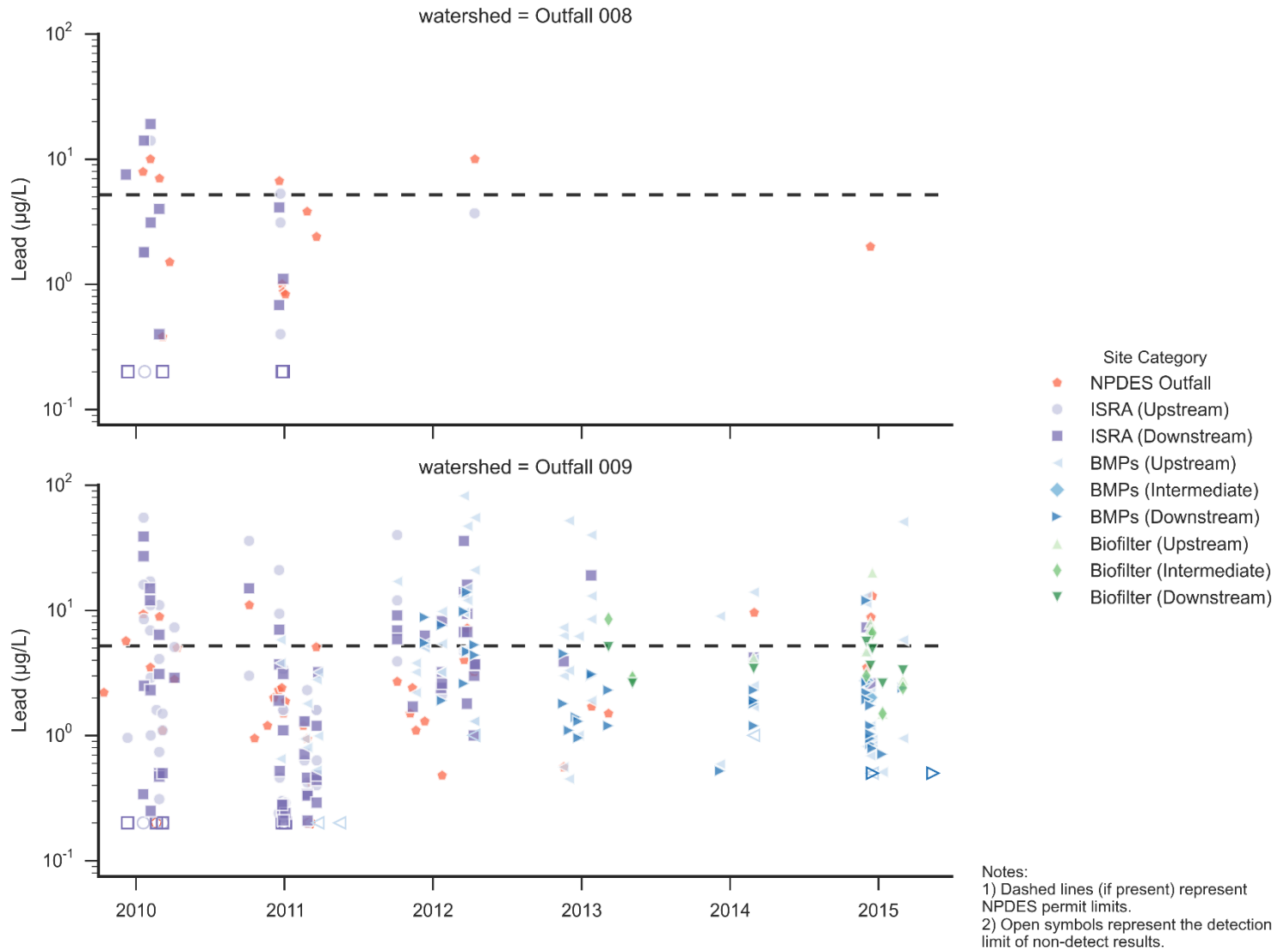
## DIOXINS (TCDD-TEQ - no DNQ)



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

# TIMESERIES CHARTS ISRA PERFORMANCE MONITORING PROGRAM

## LEAD

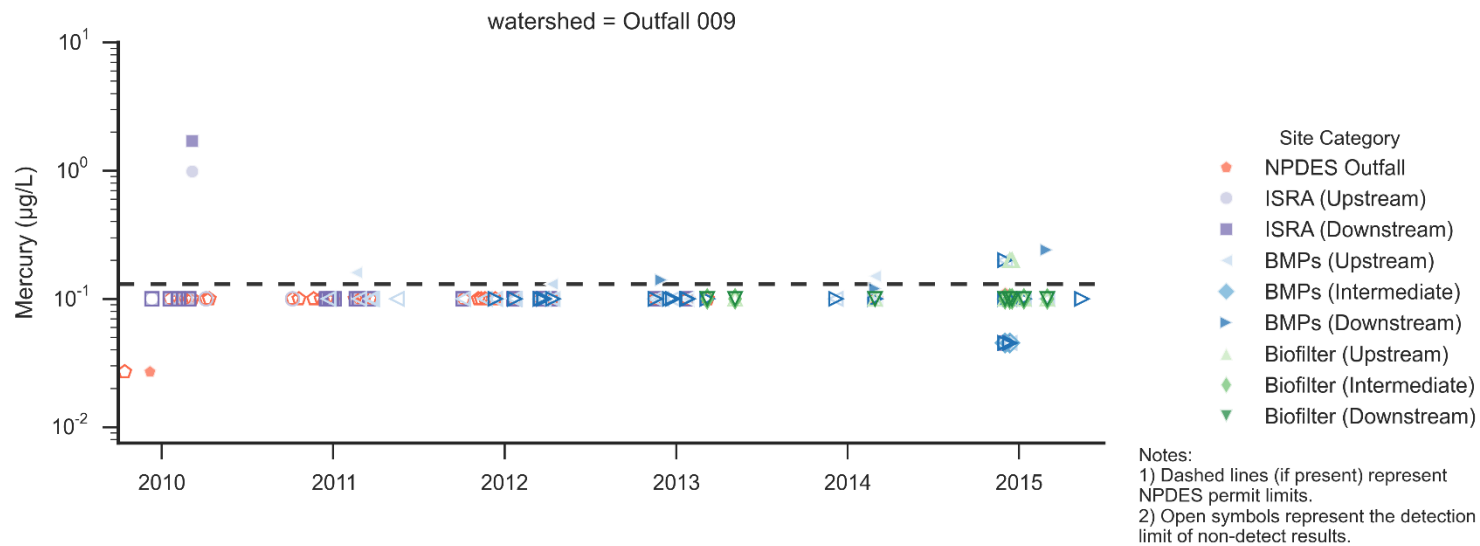


Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season



# TIMESERIES CHARTS ISRA PERFORMANCE MONITORING PROGRAM

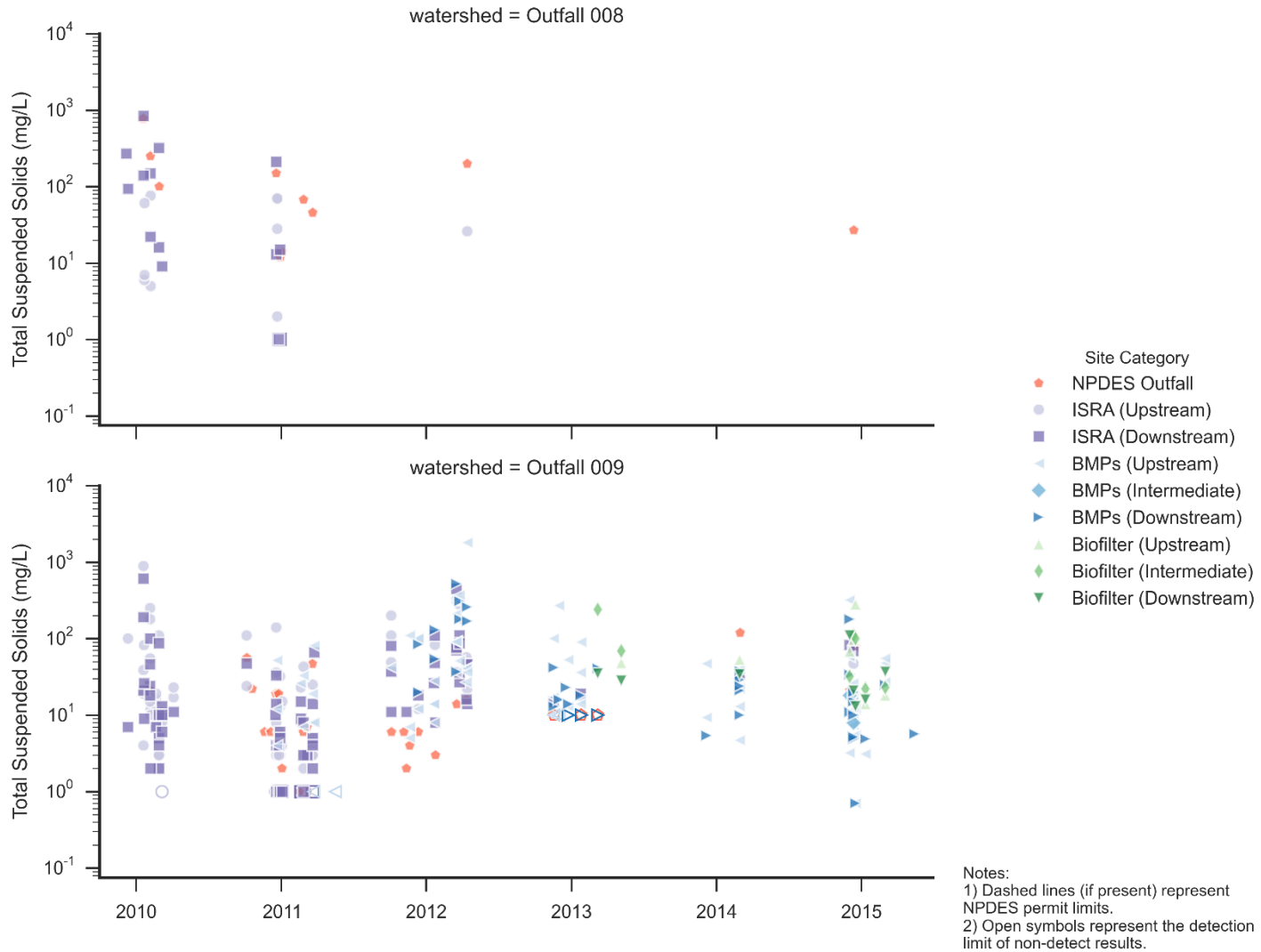
## MERCURY



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

# TIMESERIES CHARTS ISRA PERFORMANCE MONITORING PROGRAM

## TSS



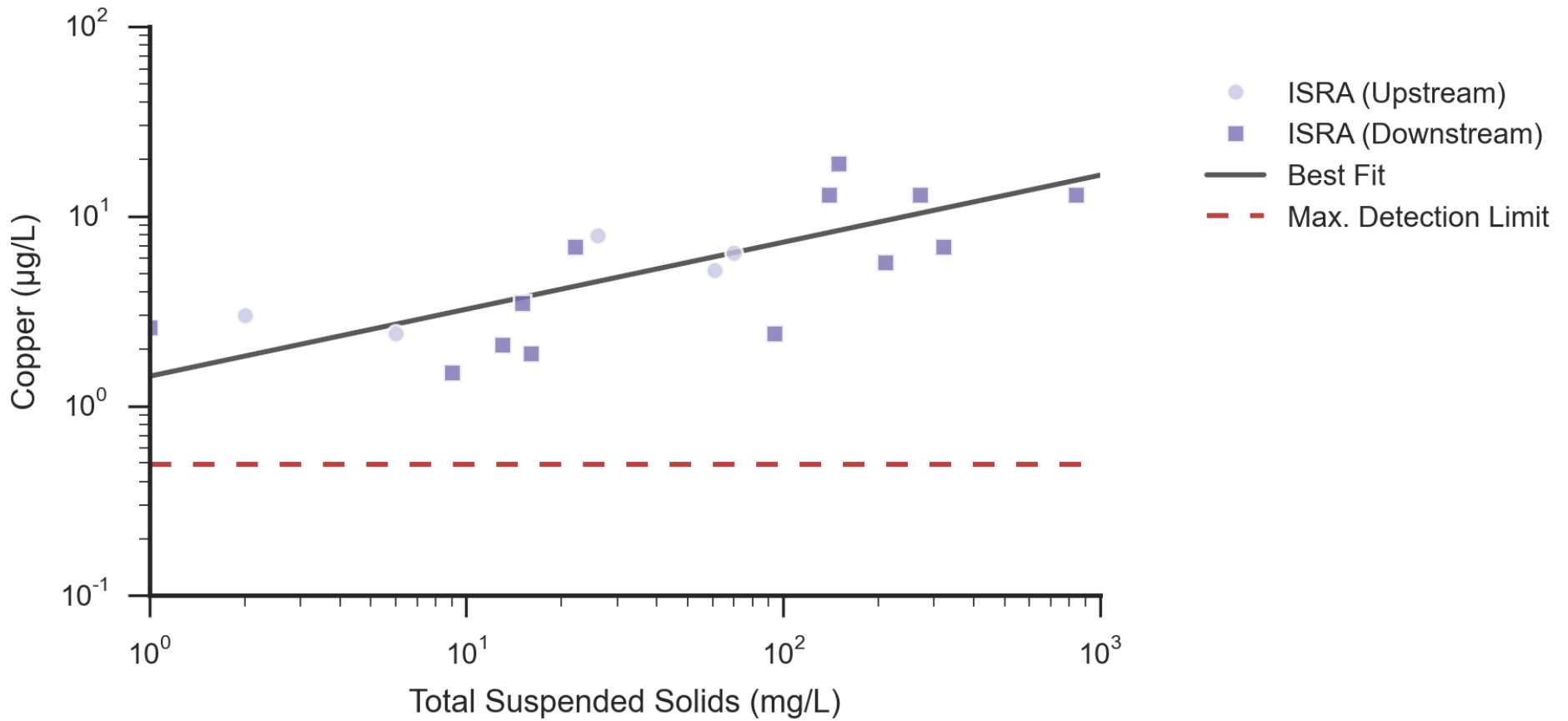
Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

**APPENDIX C-2**

**PERFORMANCE MONITORING DATA GRAPHS –  
COC CORRELATIONS**

**OUTFALL 008 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

**COPPER VS TSS**

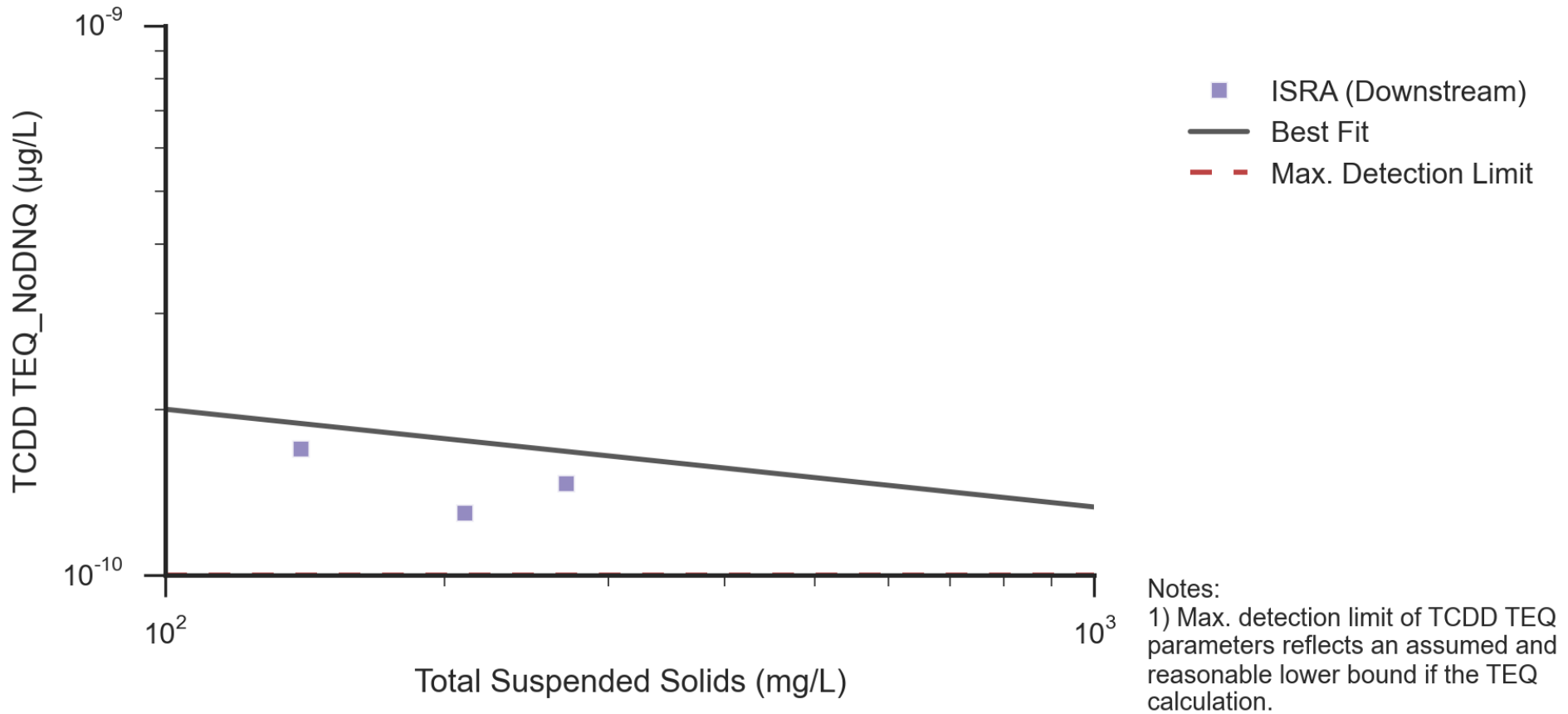


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several CM Upstream locations are also shown as background locations on the BMP Performance Monitoring plots.

**OUTFALL 008 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

**DIOXINS (TCDD-TEQ – no DNQ) VS TSS**

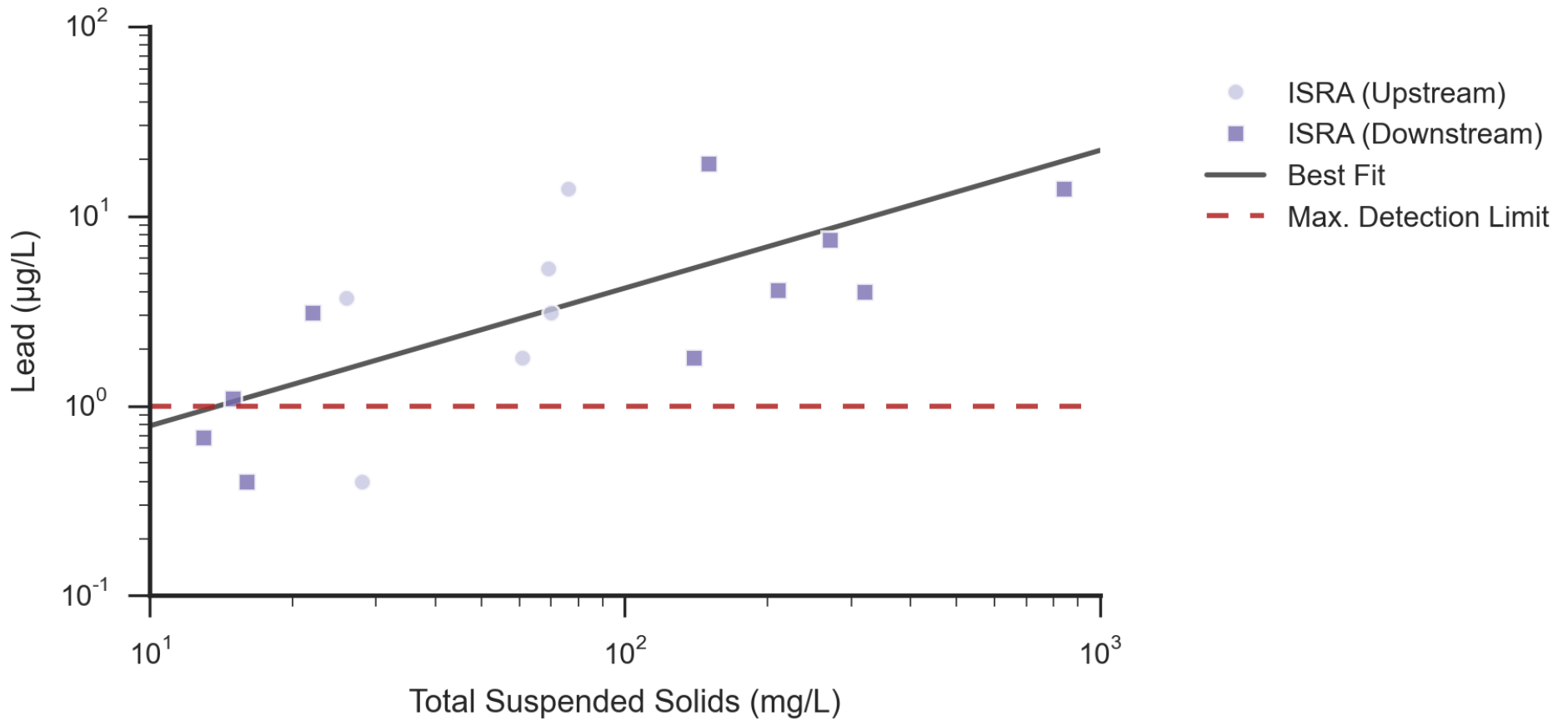


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several CM Upstream locations are also shown as background locations on the BMP Performance Monitoring plots.

**OUTFALL 008 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

**LEAD VS TSS**

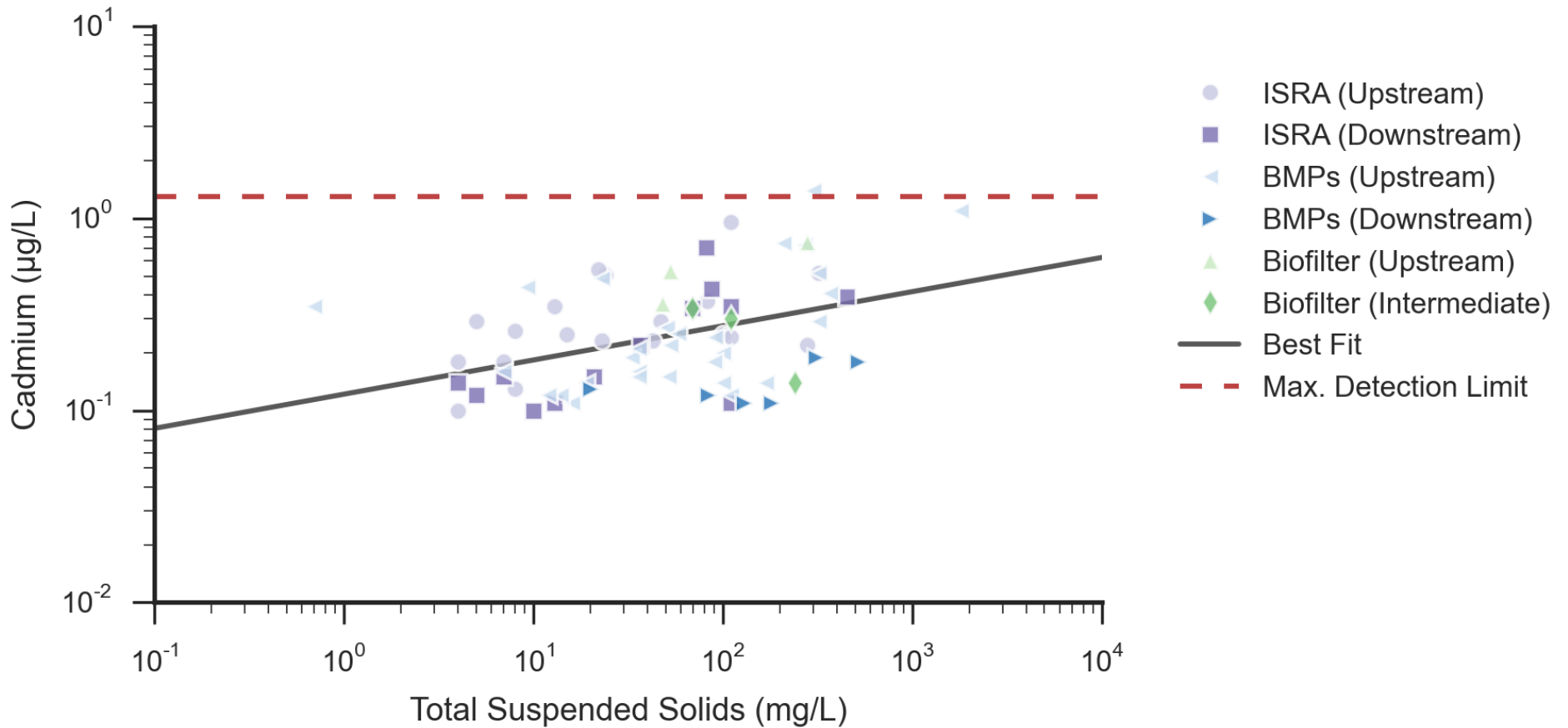


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several CM Upstream locations are also shown as background locations on the BMP Performance Monitoring plots.

**OUTFALL 009 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

**CADMIUM VS TSS**

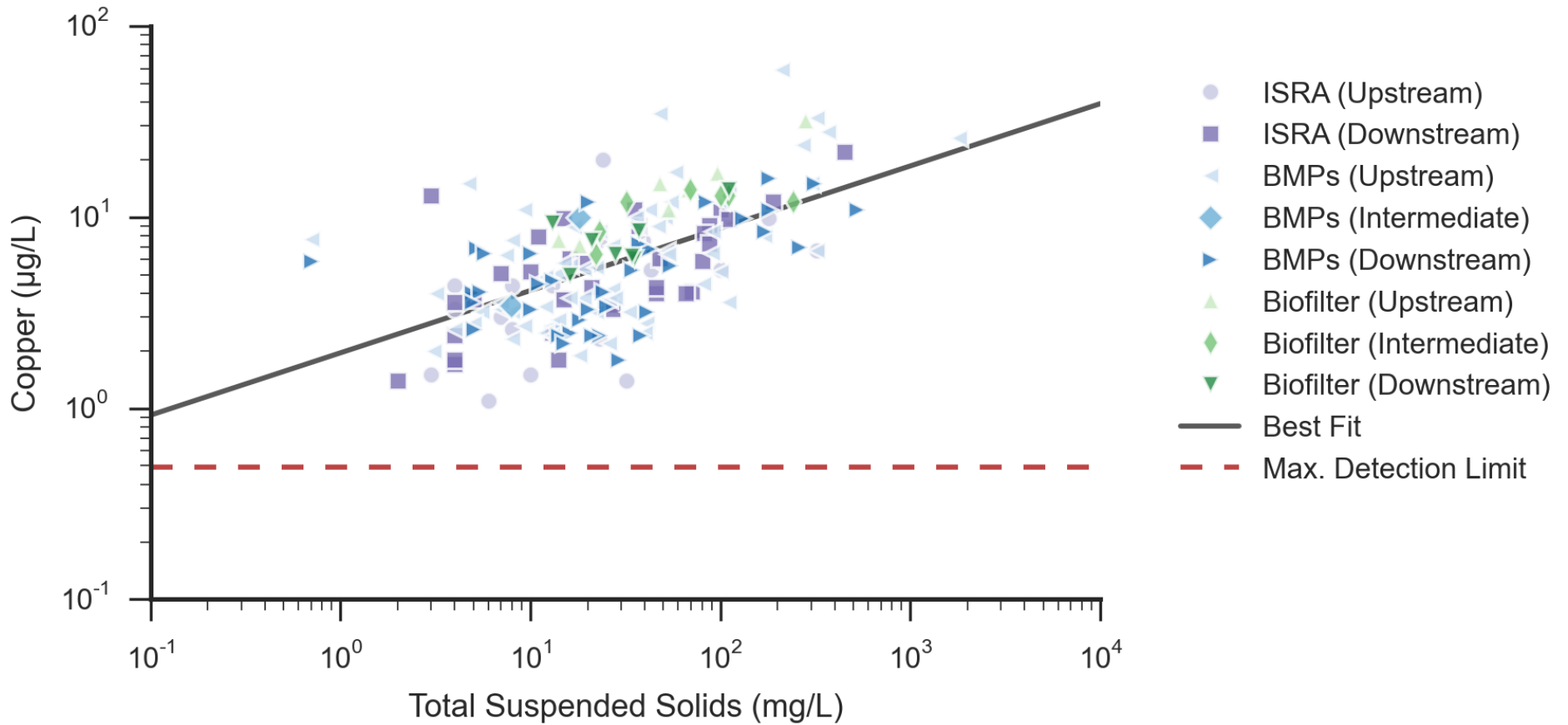


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

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OUTFALL 009 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM

COPPER VS TSS



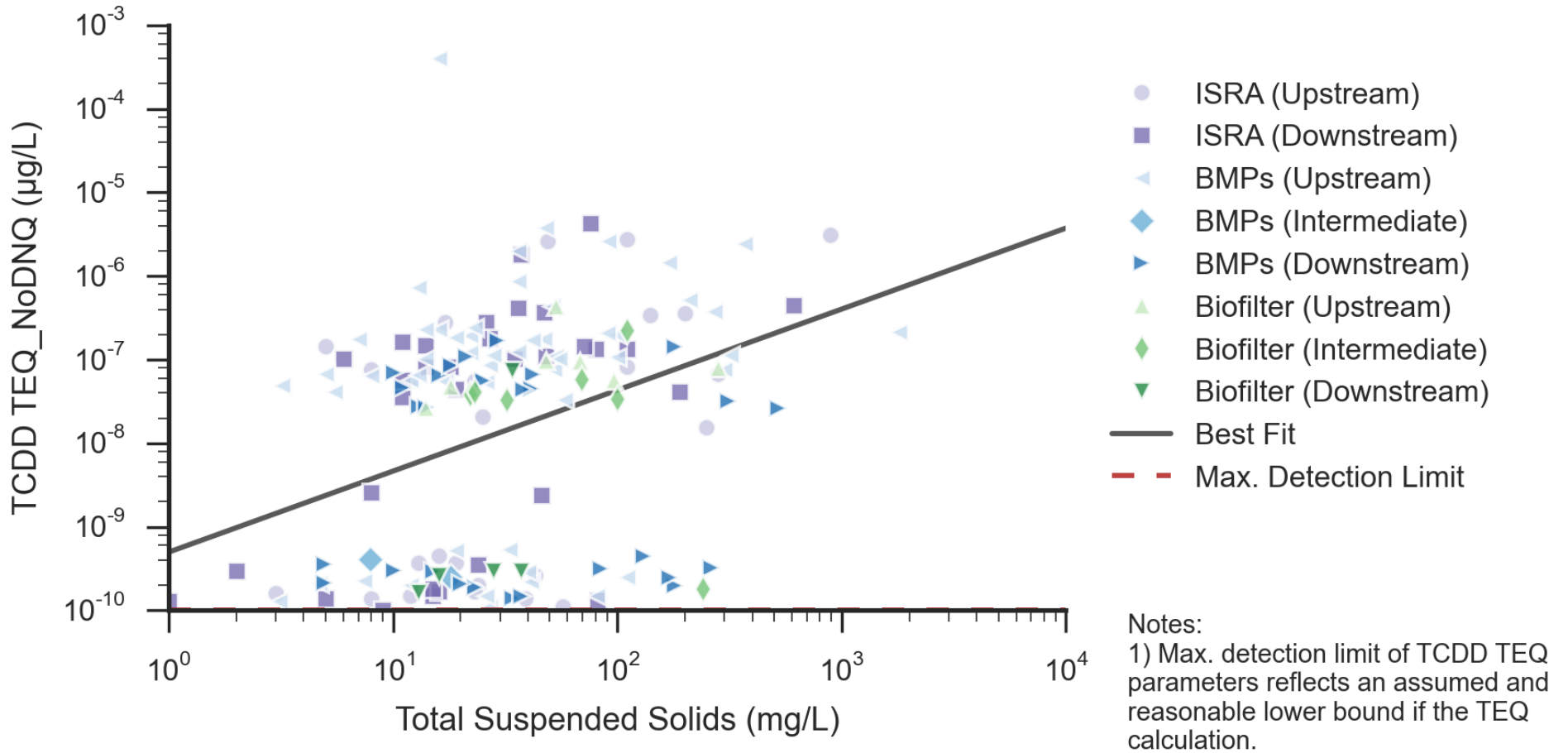
Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several CM Upstream locations are also shown as background locations on the BMP Performance Monitoring plots.



**OUTFALL 009 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

**DIOXINS (TCDD-TEQ – no DNQ) VS TSS**



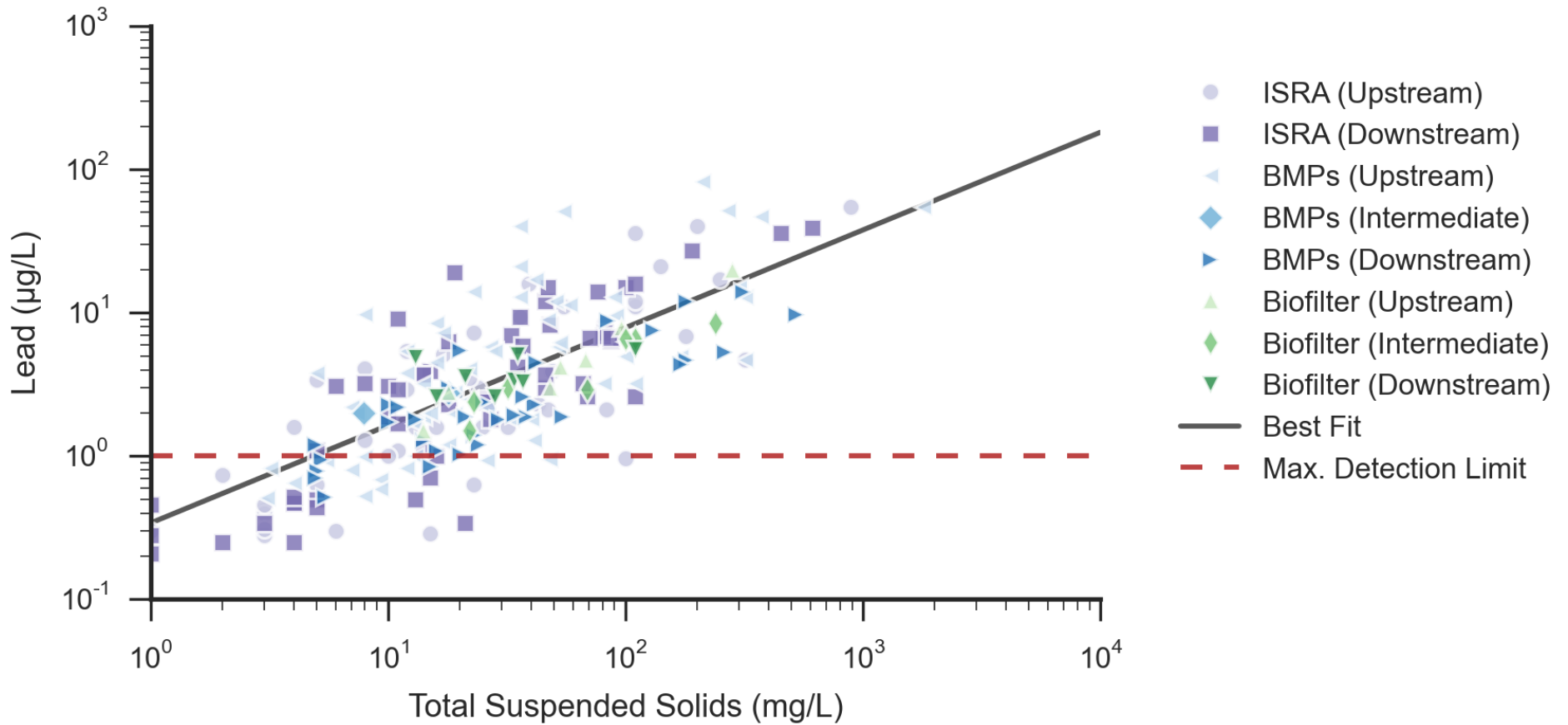
Notes:  
1) Max. detection limit of TCDD TEQ parameters reflects an assumed and reasonable lower bound if the TEQ calculation.

Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several CM Upstream locations are also shown as background locations on the BMP Performance Monitoring plots.

**OUTFALL 009 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

**LEAD VS TSS**

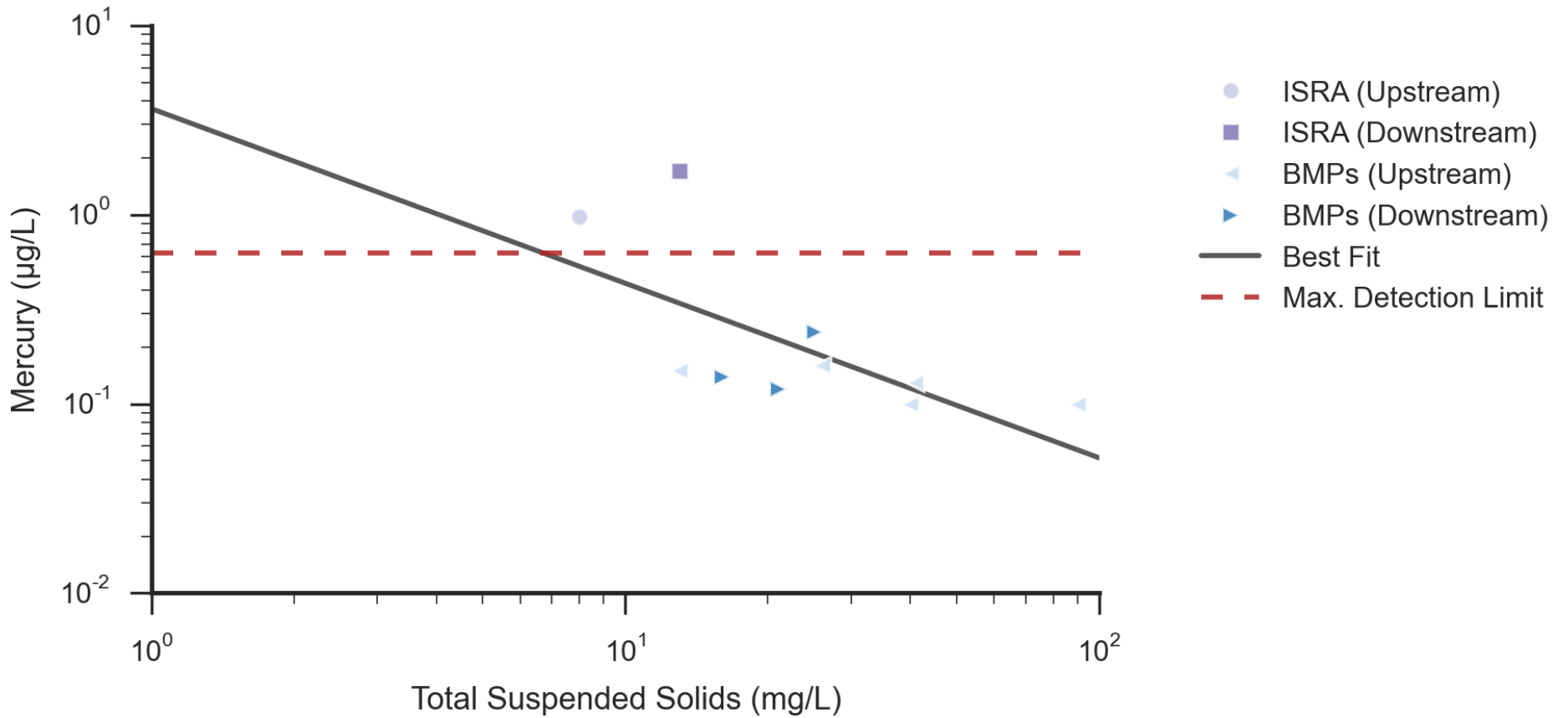


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several CM Upstream locations are also shown as background locations on the BMP Performance Monitoring plots.

**OUTFALL 009 CORRELATION CHARTS  
ISRA PERFORMANCE MONITORING PROGRAM**

**MERCURY VS TSS**



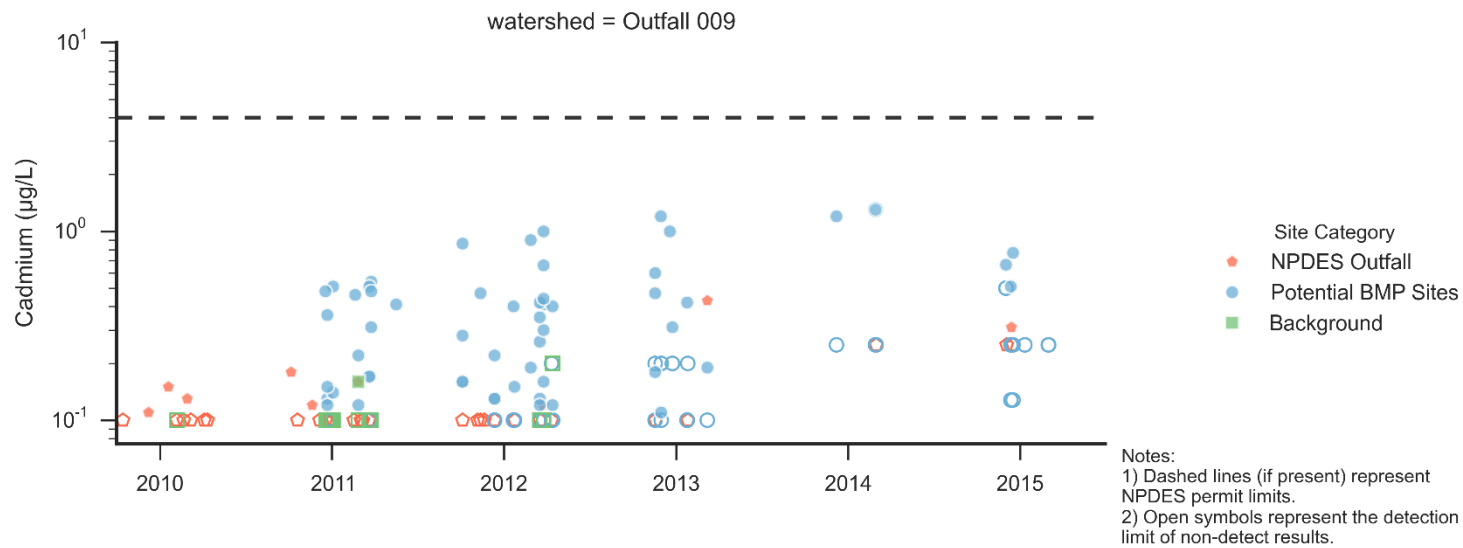
Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several CM Upstream locations are also shown as background locations on the BMP Performance Monitoring plots.

**APPENDIX D**  
**BMP MONITORING CHARTS**  
**2014/2015 RAINY SEASON**

**APPENDIX D-1**  
**POTENTIAL BMP MONITORING DATA GRAPHS VS. TIME**

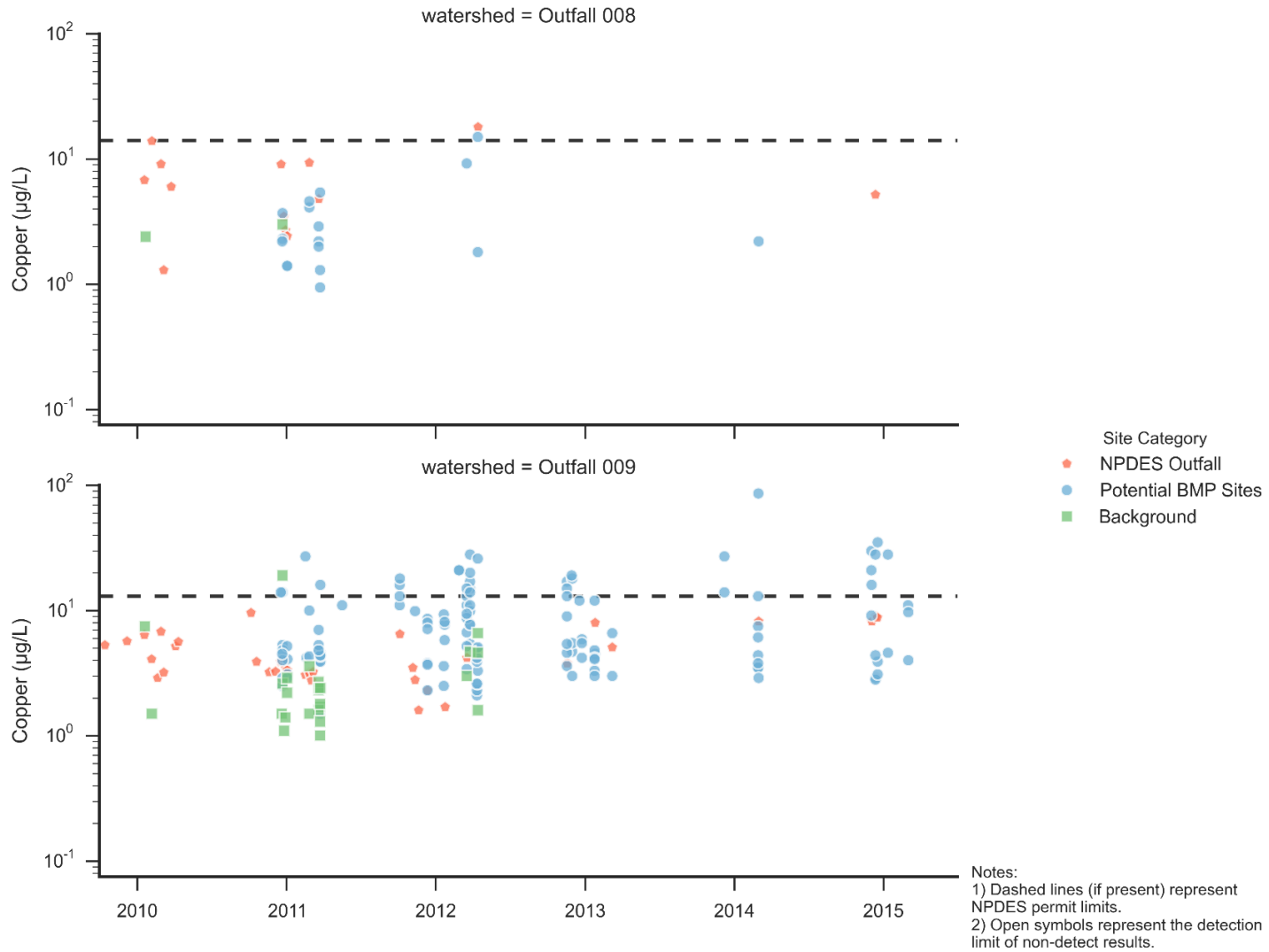
**TIMESERIES CHARTS**  
**POTENTIAL BMP SUBAREA MONITORING PROGRAM**  
**CADMIUM**



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

# TIMESERIES CHARTS POTENTIAL BMP SUBAREA MONITORING PROGRAM

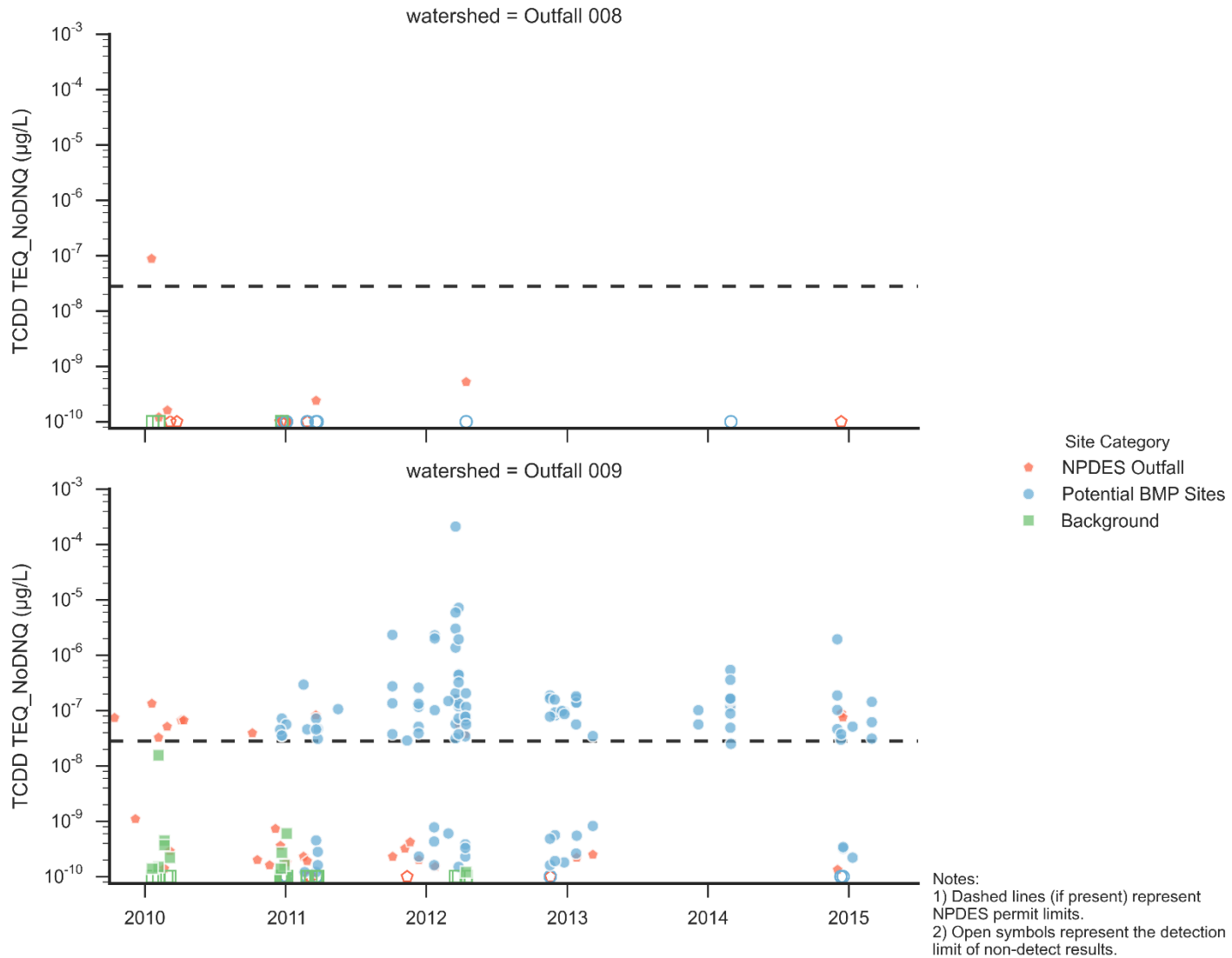
## COPPER



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

**TIMESERIES CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**DIOXINS (TCDD-TEQ - no DNQ)**

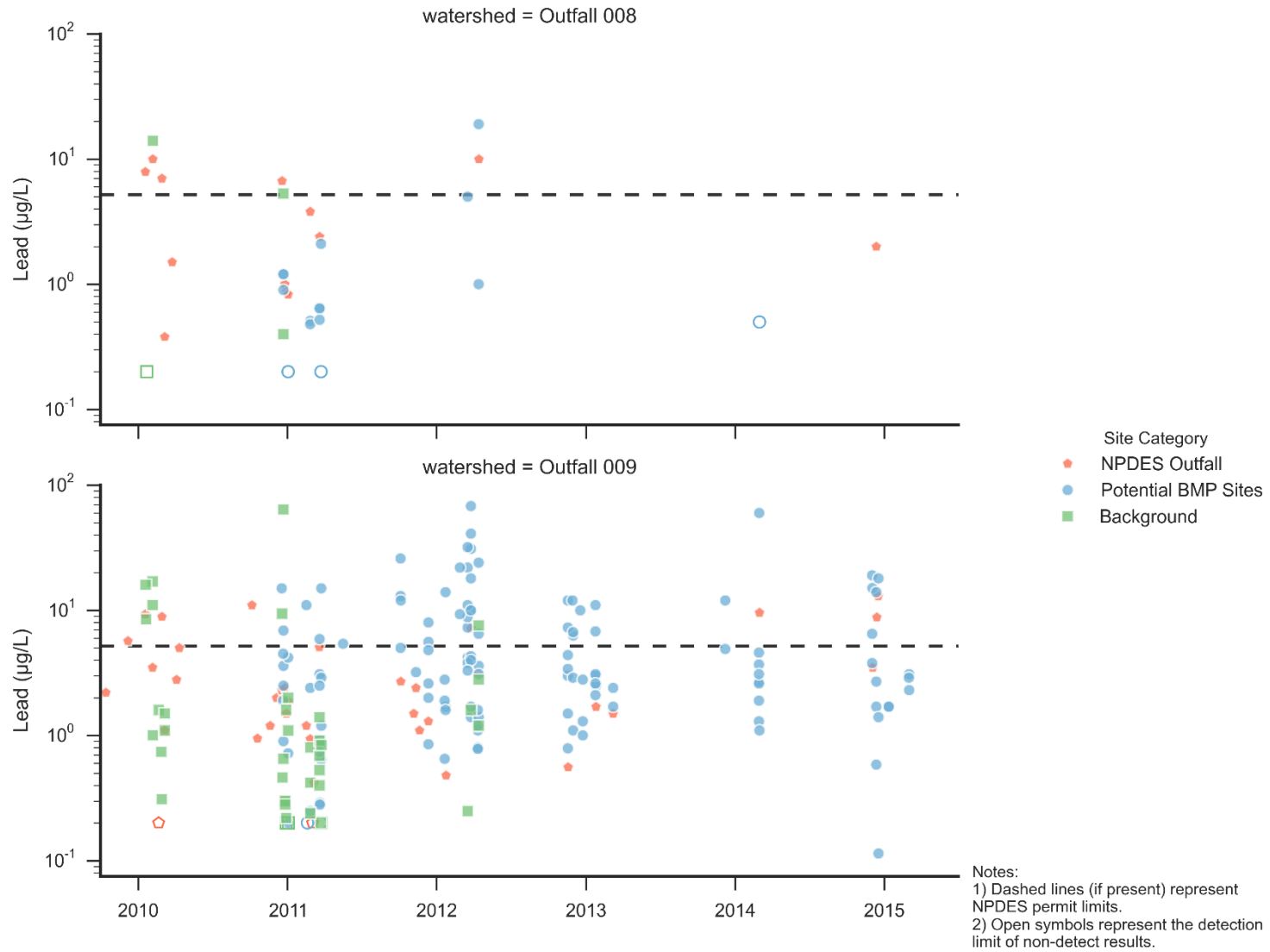


Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season



# TIMESERIES CHARTS POTENTIAL BMP SUBAREA MONITORING PROGRAM

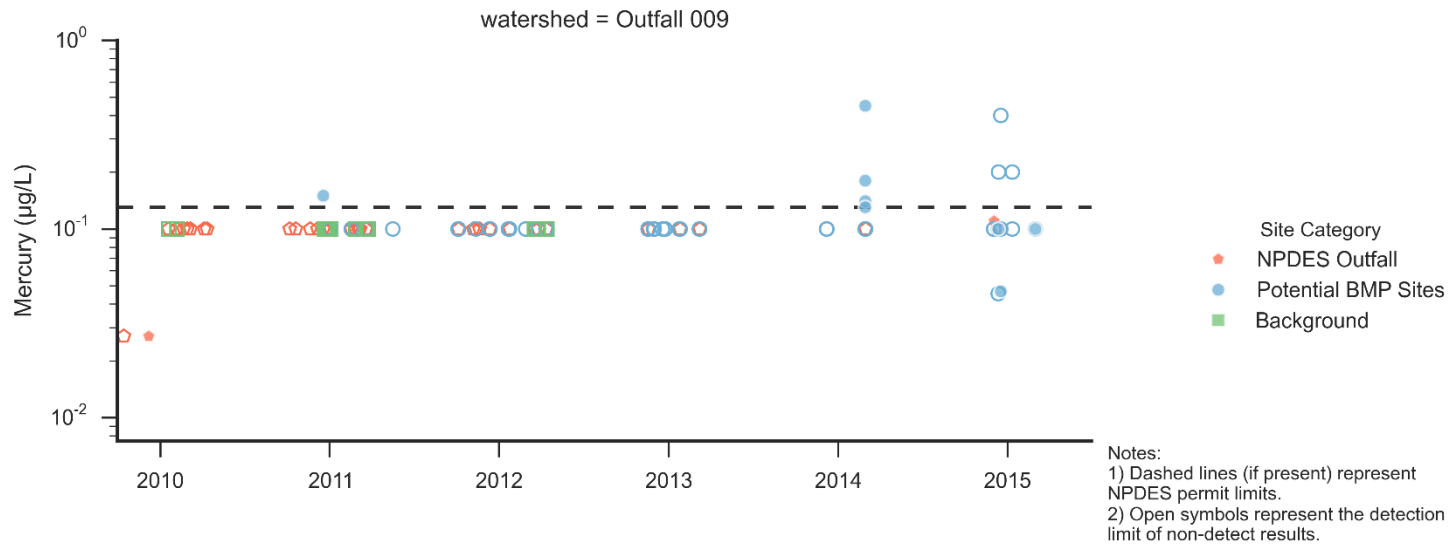
## LEAD



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

**TIMESERIES CHARTS**  
**POTENTIAL BMP SUBAREA MONITORING PROGRAM**

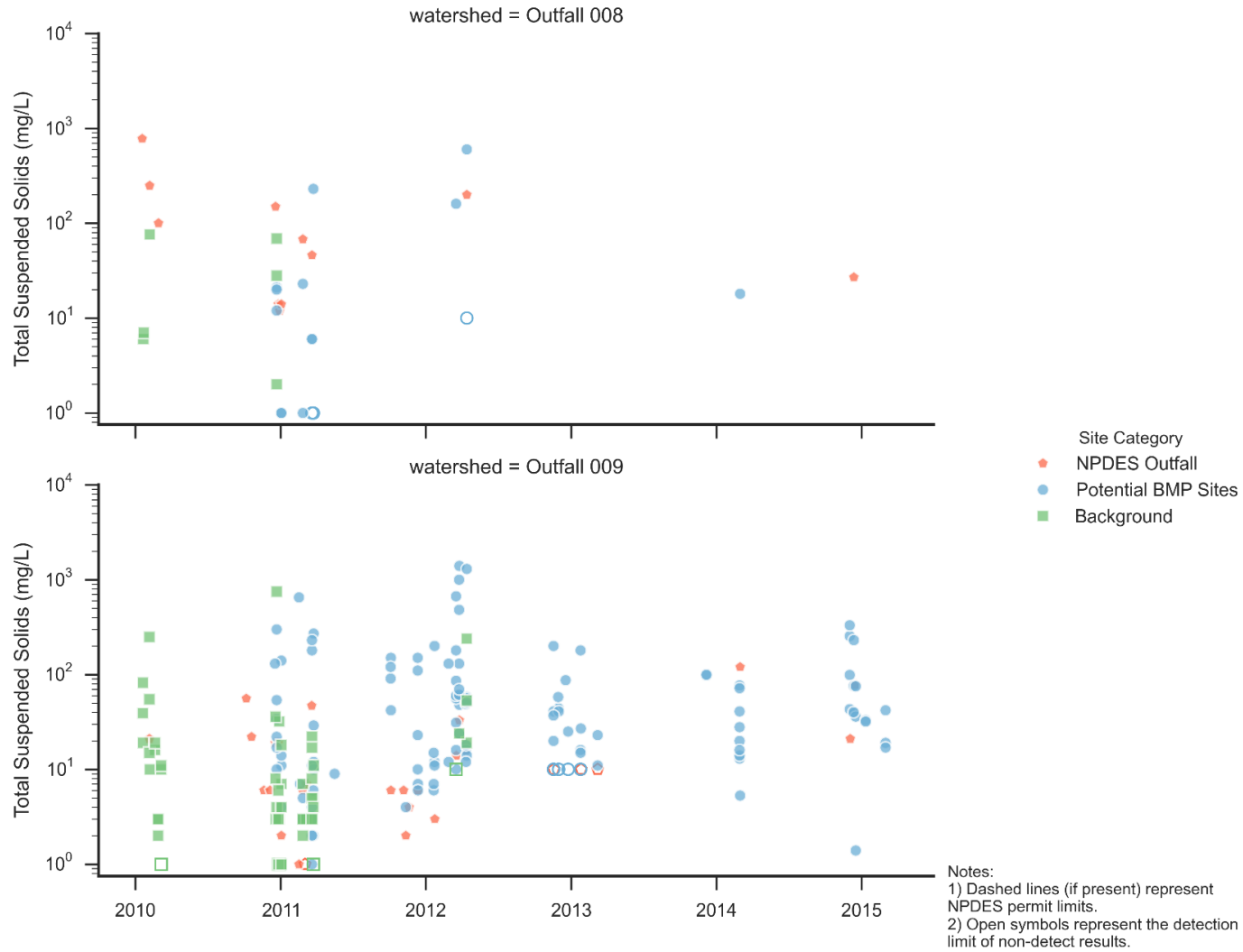
**MERCURY**



Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

# TIMESERIES CHARTS POTENTIAL BMP SUBAREA MONITORING PROGRAM

## TSS

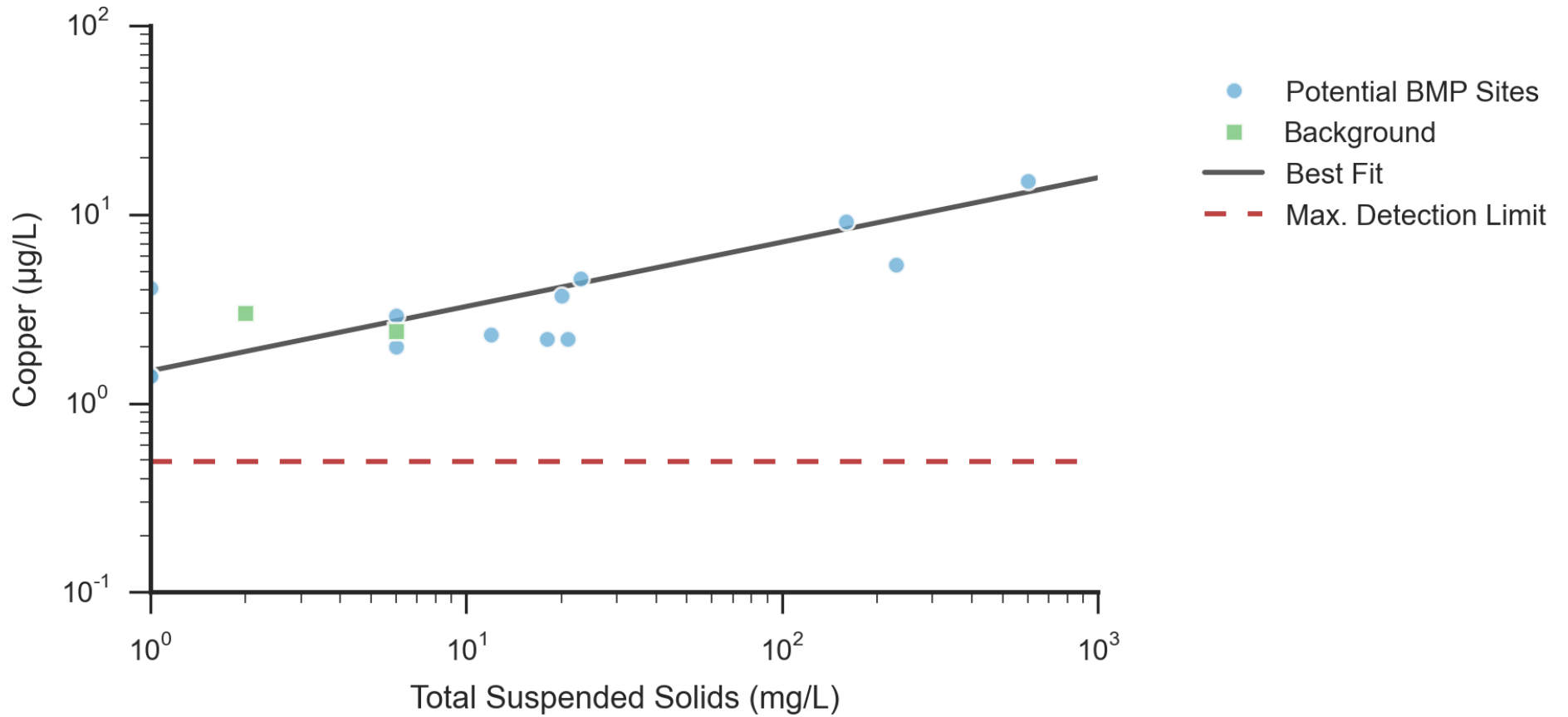


Outfall 009: Background CM Upstream monitoring locations 8 and 11 were discontinued for the 2011-2012 monitoring season

**APPENDIX D-2**  
**POTENTIAL BMP MONITORING DATA GRAPHS**  
**- COC CORRELATIONS**

**OUTFALL 008 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**COPPER VS TSS**

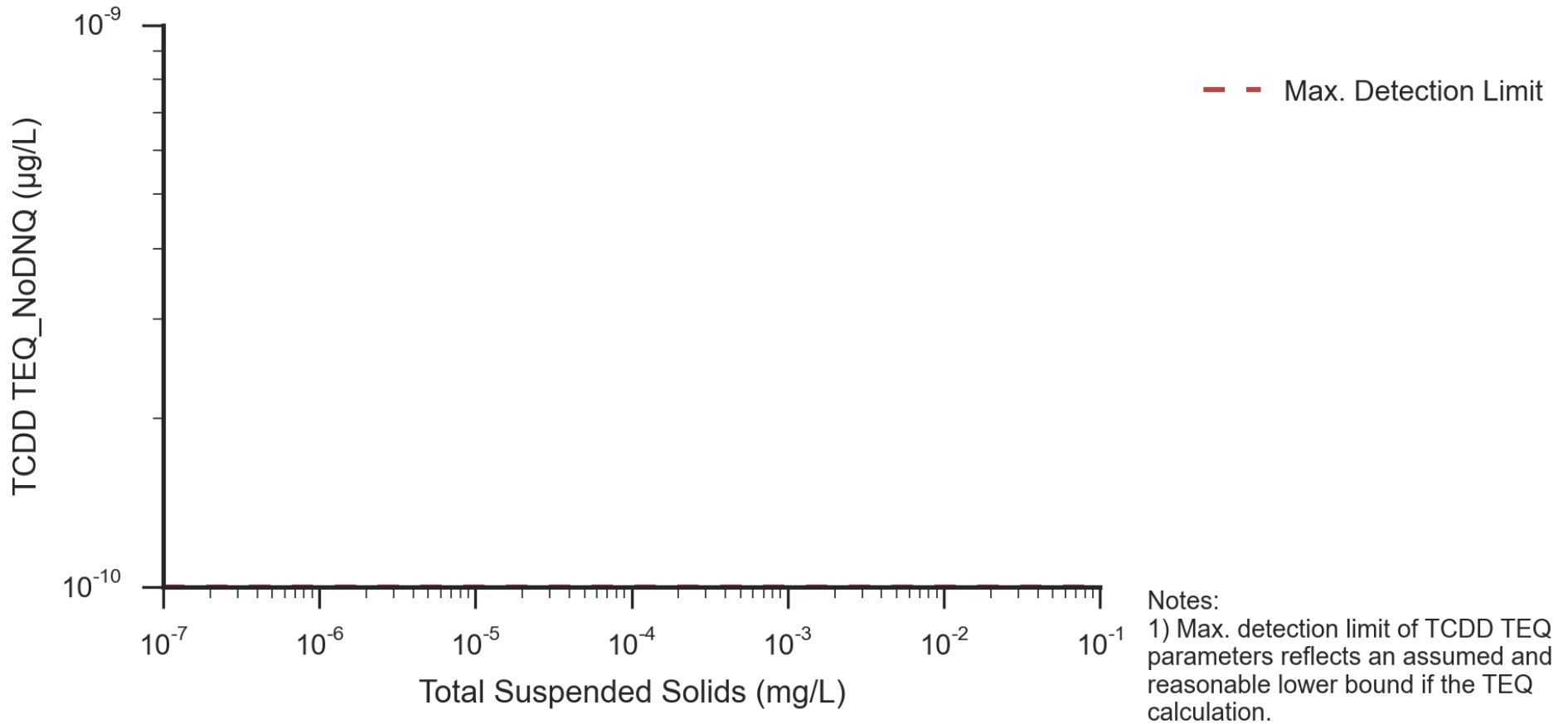


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several Background locations are also shown as CM Upstream locations on the ISRA Performance Monitoring plots.

**OUTFALL 008 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**DIOXINS (TCDD-TEQ – no DNQ) VS TSS**

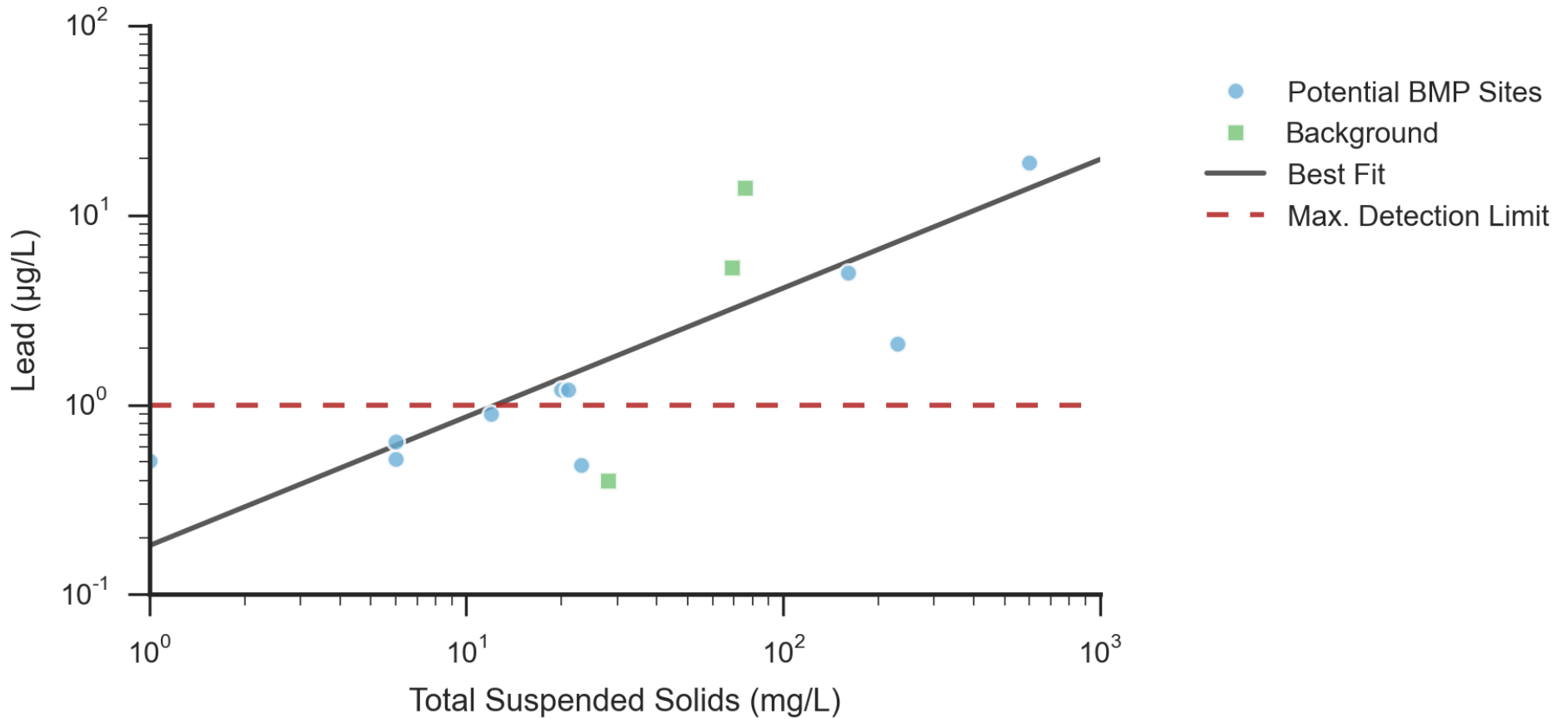


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**OUTFALL 008 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**LEAD VS TSS**

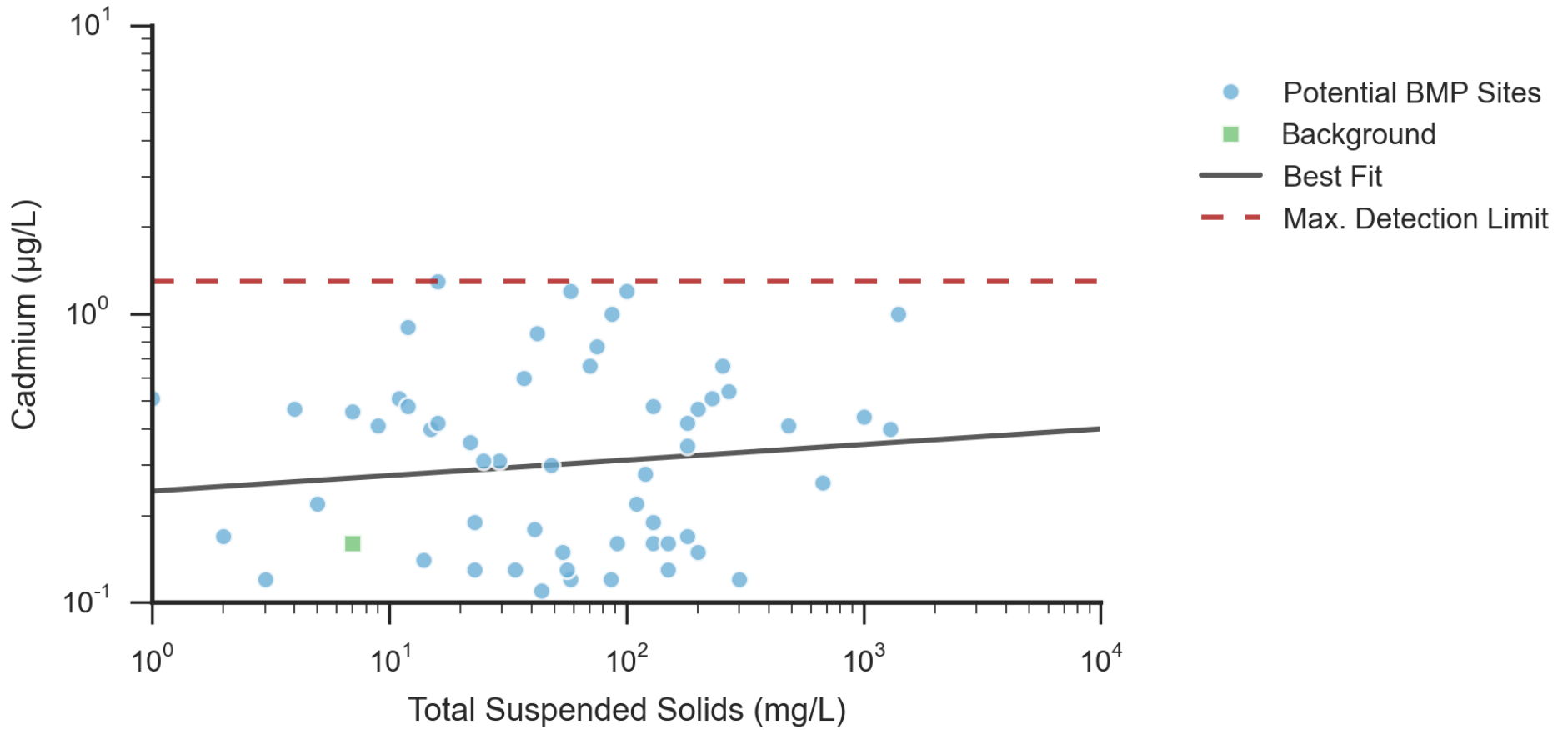


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

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**OUTFALL 009 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**CADMIUM VS TSS**



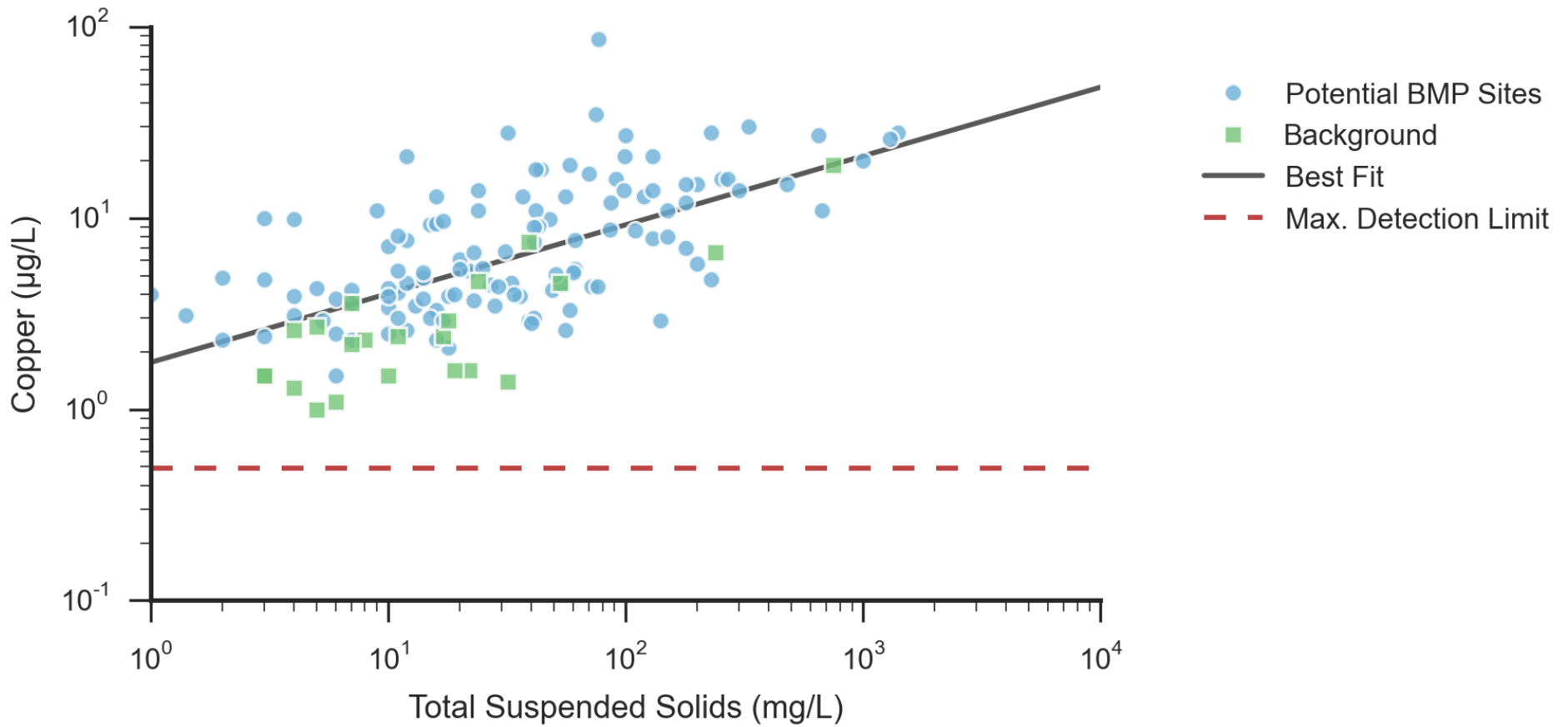
Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several Background locations are also shown as CM Upstream locations on the ISRA Performance Monitoring plots.



**OUTFALL 009 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**COPPER VS TSS**

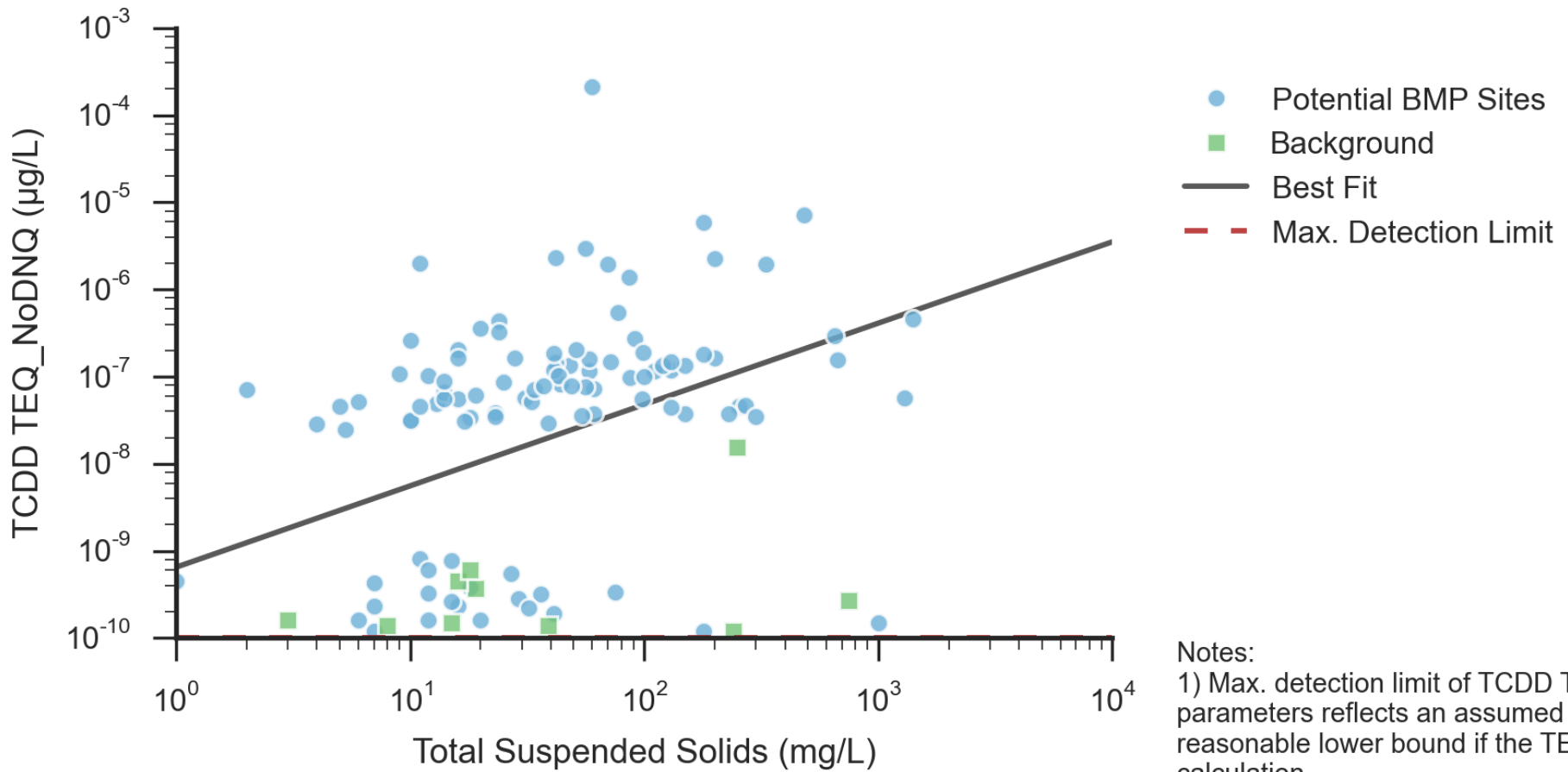


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

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**OUTFALL 009 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**DIOXINS (TCDD-TEQ – no DNQ) VS TSS**



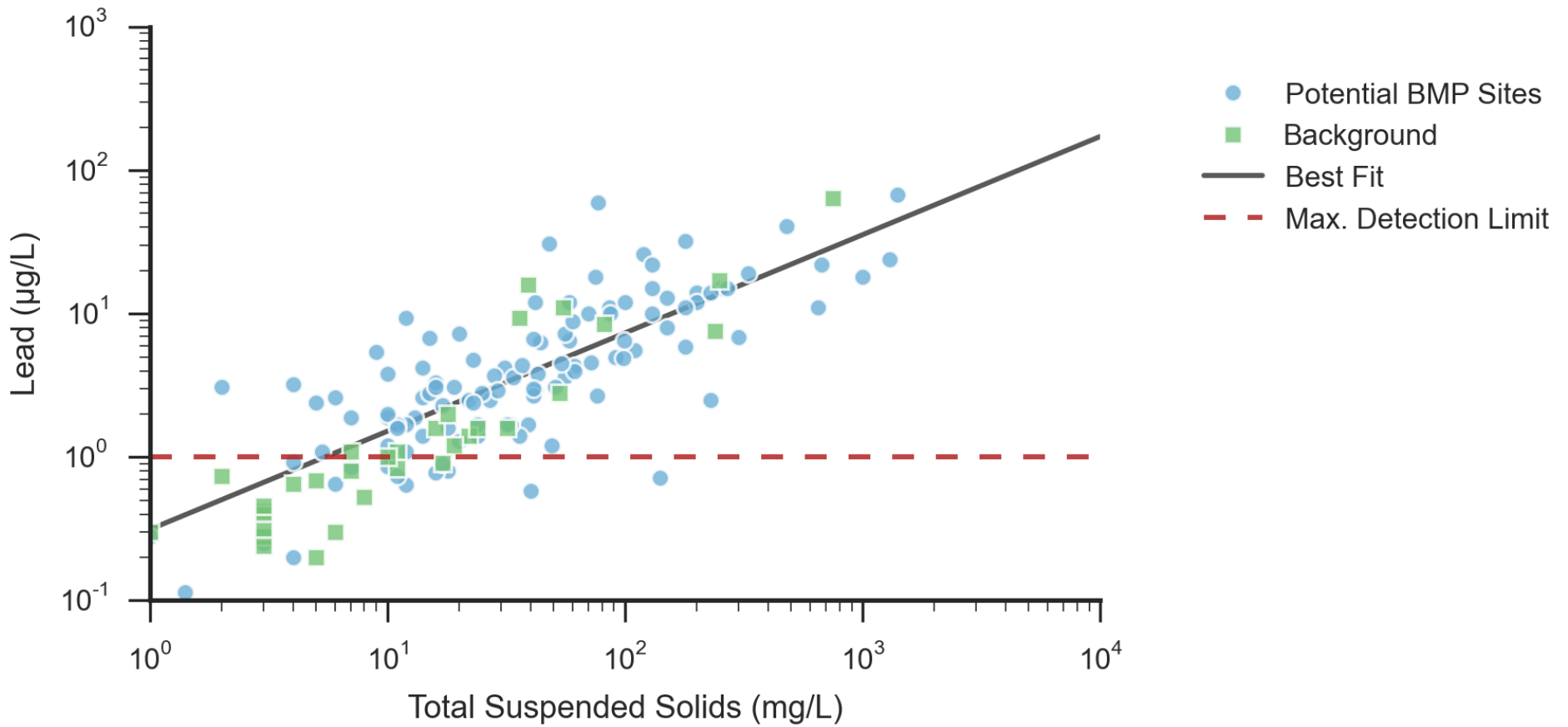
Notes:  
1) Max. detection limit of TCDD TEQ parameters reflects an assumed and reasonable lower bound if the TEQ calculation.

Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several Background locations are also shown as CM Upstream locations on the ISRA Performance Monitoring plots.

**OUTFALL 009 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**LEAD VS TSS**

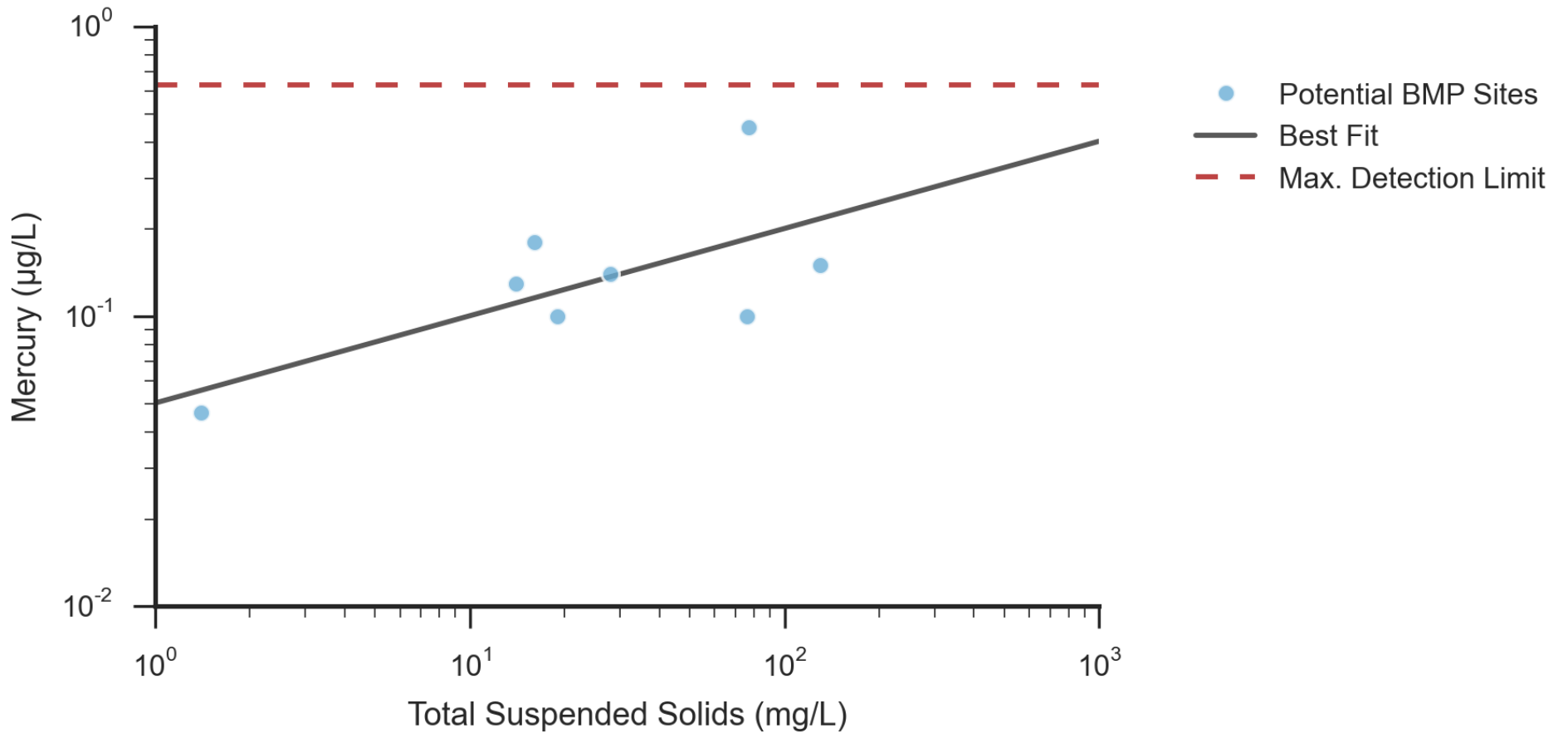


Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several Background locations are also shown as CM Upstream locations on the ISRA Performance Monitoring plots.

**OUTFALL 009 CORRELATION CHARTS  
POTENTIAL BMP SUBAREA MONITORING PROGRAM**

**MERCURY VS TSS**



Sample results measured below the detection limit have been excluded. Results shown below the maximum detection limit line correspond to samples with a detection limit less than the maximum detection limit.

Several Background locations are also shown as CM Upstream locations on the ISRA Performance Monitoring plots.