

Appendix I: FY14 QA/QC Summary Tables

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
1,1,1-Trichloroethane	
Basin A Neck System	30.0%
1,1-Dichloroethane	
Confined Flow System	30.0%
1,1-Dichloroethylene	
Basin A Neck System	8.0%
1,2-Dichlorobenzene	
Basin A Neck System	7.0%
1,2-Dichloroethane	
Basin A Neck System	14.8%
Exceedance	7.1%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
1,3-Dichlorobenzene	
Basin A Neck System	2.8%
Exceedance	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
1,4-Dichlorobenzene	
Basin A Neck System	9.6%
1,4-Dioxane	
North Boundary Containment System	30.0%
Northwest Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
1,4-Oxathiane	
Basin A Neck System	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
Aldrin	
LTMP Surface Water	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	30.0%
Alpha-Chlordane	
Off-Post Groundwater Intercept and Treatment System	30.0%
Alpha-endosulfan	
Water Quality Tracking	30.0%
Arsenic	
Basin A Neck System	4.6%
Exceedance	7.7%
LTMP Surface Water (Filtered)	19.0%
LTMP Surface Water (Unfiltered)	19.0%
North Boundary Containment System	15.1%
Northwest Boundary Containment System	5.8%
Off-Post Groundwater Intercept and Treatment System	22.2%
Water Quality Tracking	33.2%
Atrazine	
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Benzene	
Basin A Neck System	16.5%
Confined Flow System	30.0%
Exceedance	30.0%
Groundwater Mass Removal	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	32.9%

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
Carbon tetrachloride	
Basin A Neck System	30.0%
Exceedance	6.9%
North Boundary Containment System	9.2%
Off-Post Groundwater Intercept and Treatment System	4.6%
Water Quality Tracking	30.0%
Chloride	
Basin A Neck System	30.0%
Confined Flow System	30.0%
Exceedance	11.8%
Groundwater Mass Removal	30.0%
LTMP Surface Water	12.4%
North Boundary Containment System	5.7%
Off-Post Groundwater Intercept and Treatment System	5.5%
Water Quality Tracking	12.0%
Chlorobenzene	
Basin A Neck System	8.4%
Confined Flow System	30.0%
Exceedance	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Chloroform	
Basin A Neck System	12.9%
Exceedance	11.1%
Groundwater Mass Removal	30.0%
North Boundary Containment System	6.7%
Northwest Boundary Containment System	17.5%
Off-Post Groundwater Intercept and Treatment System	18.7%
Railyard Containment System	30.0%
Water Quality Tracking	9.4%

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
Chlorophenylmethyl sulfide	
Basin A Neck System	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Chlorophenylmethyl sulfone	
Basin A Neck System	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Chlorophenylmethyl sulfoxide	
Basin A Neck System	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
cis-1,2-Dichloroethylene	
North Boundary Containment System	30.0%
Dibromochloropropane	
Exceedance	20.7%
Motor Pool/Irondale Containment System	30.0%
North Boundary Containment System	10.1%
Off-Post Groundwater Intercept and Treatment System	25.8%
Railyard Containment System	11.8%
Water Quality Tracking	15.8%
Dichlorodiphenyldichloroethene	
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	30.0%
Dichlorodiphenyltrichloroethane	
Basin A Neck System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	30.0%

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
Dicyclopentadiene	
Basin A Neck System	12.7%
Exceedance	46.7%
North Boundary Containment System	11.1%
Off-Post Groundwater Intercept and Treatment System	25.5%
Dieldrin	
Basin A Neck System	30.0%
Confined Flow System	30.0%
Exceedance	10.8%
LTMP Surface Water	30.0%
North Boundary Containment System	30.0%
Northwest Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	14.8%
Diisopropyl methylphosphonate	
Basin A Neck System	30.0%
Exceedance	20.0%
LTMP Surface Water	19.3%
North Boundary Containment System	15.2%
Northwest Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	15.1%
Water Quality Tracking	11.1%
Dithiane	
Basin A Neck System	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	21.6%
Endrin	
Basin A Neck System	30.0%
North Boundary Containment System	30.0%

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
Northwest Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Endrin Aldehyde	
Water Quality Tracking	30.0%
Endrin Ketone	
Water Quality Tracking	30.0%
Ethylbenzene	
Exceedance	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Fluoride	
Exceedance	3.9%
North Boundary Containment System	4.0%
Off-Post Groundwater Intercept and Treatment System	7.9%
Water Quality Tracking	1.9%
Gamma-Chlordane	
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	30.0%
Heptachlor epoxide	
Water Quality Tracking	30.0%
Hexachlorocyclopentadiene	
Basin A Neck System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	30.0%
Isodrin	
North Boundary Containment System	30.0%
Northwest Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Water Quality Tracking	30.0%

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
Malathion	
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%
Mercury	
Basin A Neck System	30.0%
Methoxychlor	
Water Quality Tracking	30.0%
Methylene chloride	
North Boundary Containment System	30.0%
N-Nitrosodimethylamine	
Exceedance	35.2%
LTMP Surface Water	30.0%
North Boundary Containment System	25.9%
Northwest Boundary Containment System	35.9%
Off-Post Groundwater Intercept and Treatment System	1.5%
Railyard Containment System	30.0%
Water Quality Tracking	19.2%
Sulfate	
Basin A Neck System	30.0%
Exceedance	7.4%
LTMP Surface Water	11.1%
North Boundary Containment System	5.3%
Off-Post Groundwater Intercept and Treatment System	2.7%
Water Quality Tracking	0.2%
Tetrachloroethylene	
Basin A Neck System	9.5%
Exceedance	14.3%
North Boundary Containment System	16.7%
Off-Post Groundwater Intercept and Treatment System	27.8%

Table I-1: FY2014 Relative Percent Difference Evaluation Limits

Program	Upper Relative Percent Difference Limit
Water Quality Tracking	30.0%
Toluene	
Exceedance	30.0%
North Boundary Containment System	59.1%
Off-Post Groundwater Intercept and Treatment System	30.0%
Total Organic Carbon	
Basin A Neck System	30.0%
North Boundary Containment System	30.0%
trans-1,2-Dichloroethylene	
North Boundary Containment System	30.0%
Trichloroethylene	
Basin A Neck System	14.2%
Exceedance	9.7%
Motor Pool/Irondale Containment System	30.0%
North Boundary Containment System	15.4%
Northwest Boundary Containment System	23.2%
Off-Post Groundwater Intercept and Treatment System	30.0%
Railyard Containment System	30.0%
Water Quality Tracking	18.3%
Xylenes	
Exceedance	30.0%
North Boundary Containment System	30.0%
Off-Post Groundwater Intercept and Treatment System	30.0%

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
Basin A Neck System					
36244	1,1,1-Trichloroethane	5/13/2014	UM85	ACCS	Both results less than the MRL
36318	1,1,1-Trichloroethane	12/4/2013	UM85	ABNA	Both results less than the MRL
36318	1,1,1-Trichloroethane	3/5/2014	UM85	ABTV	Both results less than the MRL
36318	1,1,1-Trichloroethane	5/12/2014	UM85	ACCM	Both results less than the MRL
36240	1,1,1-Trichloroethane	12/2/2013	UM85	ABMY	Both results less than the MRL
36565	1,1,1-Trichloroethane	5/15/2014	UM85	ACCV	Both results less than the MRL
PAININ	1,1,1-Trichloroethane	10/1/2013	UM85	ABKF	Both results less than the MRL
36318	1,1-Dichloroethylene	3/5/2014	UM85	ABTV	Both results less than the MRL
36565	1,1-Dichloroethylene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	1,1-Dichloroethylene	12/4/2013	UM85	ABNA	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36318	1,1-Dichloroethylene	5/12/2014	UM85	ACCM	Both results less than the MRL
36244	1,1-Dichloroethylene	5/13/2014	UM85	ACCS	Both results less than the MRL
PAININ	1,1-Dichloroethylene	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36240	1,1-Dichloroethylene	12/2/2013	UM85	ABMY	Both results less than the MRL
36565	1,2-Dichlorobenzene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	1,2-Dichlorobenzene	3/5/2014	UM85	ABTV	Both results less than the MRL
36318	1,2-Dichlorobenzene	5/12/2014	UM85	ACCM	Both results less than the MRL
36244	1,2-Dichlorobenzene	5/13/2014	UM85	ACCS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36240	1,2-Dichlorobenzene	12/2/2013	UM85	ABMY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36318	1,2-Dichlorobenzene	12/4/2013	UM85	ABNA	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36318	1,2-Dichloroethane	3/5/2014	UM85	ABTV	Both results less than the MRL
36318	1,2-Dichloroethane	12/4/2013	UM85	ABNA	Both results less than the MRL
36318	1,2-Dichloroethane	5/12/2014	UM85	ACCM	Both results less than the MRL
36244	1,2-Dichloroethane	5/13/2014	UM85	ACCS	Both results less than the MRL
36240	1,2-Dichloroethane	12/2/2013	UM85	ABMY	Both results less than the MRL
36565	1,2-Dichloroethane	5/15/2014	UM85	ACCV	Both results less than the MRL
PAININ	1,2-Dichloroethane	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36318	1,3-Dichlorobenzene	12/4/2013	UM85	ABNA	Both results less than the MRL
36565	1,3-Dichlorobenzene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	1,3-Dichlorobenzene	3/5/2014	UM85	ABTV	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PAININ	1,3-Dichlorobenzene	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36318	1,3-Dichlorobenzene	5/12/2014	UM85	ACCM	Both results less than the MRL
36244	1,3-Dichlorobenzene	5/13/2014	UM85	ACCS	Both results less than the MRL
36240	1,3-Dichlorobenzene	12/2/2013	UM85	ABMY	Both results less than the MRL
36240	1,4-Dichlorobenzene	12/2/2013	UM85	ABMY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	1,4-Dichlorobenzene	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36244	1,4-Dichlorobenzene	5/13/2014	UM85	ACCS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36318	1,4-Dichlorobenzene	3/5/2014	UM85	ABTV	Both results less than the MRL
36565	1,4-Dichlorobenzene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	1,4-Dichlorobenzene	12/4/2013	UM85	ABNA	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
35514	1,4-Oxathiane	8/18/2014	UL19	ACKZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	1,4-Oxathiane	1/7/2014	UL19	ABPI	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36571	1,4-Oxathiane	8/19/2014	UL19	ACLH	Both results less than the MRL
35512	1,4-Oxathiane	8/18/2014	UL19	ACKZ	Both results less than the MRL
35514	Arsenic	8/18/2014	SB35	ACLS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	Atrazine	10/1/2013	UN56	ABJZ	Both results less than the MRL
36318	Benzene	3/5/2014	UM85	ABTV	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	Benzene	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36565	Benzene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	Benzene	5/12/2014	UM85	ACCM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36318	Benzene	12/4/2013	UM85	ABNA	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36244	Benzene	5/13/2014	UM85	ACCS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36240	Benzene	12/2/2013	UM85	ABMY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36244	Carbon tetrachloride	5/13/2014	UM85	ACCS	Both results less than the MRL
36318	Carbon tetrachloride	3/5/2014	UM85	ABTV	Both results less than the MRL
36318	Carbon tetrachloride	12/4/2013	UM85	ABNA	Both results less than the MRL
36240	Carbon tetrachloride	12/2/2013	UM85	ABMY	Both results less than the MRL
36565	Carbon tetrachloride	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	Carbon tetrachloride	5/12/2014	UM85	ACCM	Both results less than the MRL
PAININ	Carbon tetrachloride	10/1/2013	UM85	ABKF	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36565	Chlorobenzene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	Chlorobenzene	12/4/2013	UM85	ABNA	Both results less than the MRL
36318	Chlorobenzene	5/12/2014	UM85	ACCM	Both results less than the MRL
36318	Chlorobenzene	3/5/2014	UM85	ABTV	Both results less than the MRL
36244	Chlorobenzene	5/13/2014	UM85	ACCS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36240	Chlorobenzene	12/2/2013	UM85	ABMY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36318	Chloroform	12/4/2013	UM85	ABNA	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36240	Chloroform	12/2/2013	UM85	ABMY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36318	Chloroform	3/5/2014	UM85	ABTV	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36244	Chloroform	5/13/2014	UM85	ACCS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PAININ	Chloroform	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36565	Chloroform	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	Chloroform	5/12/2014	UM85	ACCM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	Chlorophenylmethyl sulfide	1/7/2014	UL19	ABPI	Both results less than the MRL
35512	Chlorophenylmethyl sulfide	8/18/2014	UL19	ACKZ	Both results less than the MRL
35514	Chlorophenylmethyl sulfide	8/18/2014	UL19	ACKZ	Both results less than the MRL
36571	Chlorophenylmethyl sulfide	8/19/2014	UL19	ACLH	Both results less than the MRL
35512	Chlorophenylmethyl sulfone	8/18/2014	UL19	ACKZ	Both results greater than the MRL but less than or equal to twice the MRL
PAININ	Chlorophenylmethyl sulfone	1/7/2014	UL19	ABPI	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
35514	Chlorophenylmethyl sulfone	8/18/2014	UL19	ACKZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36571	Chlorophenylmethyl sulfone	8/19/2014	UL19	ACLH	Both results less than the MRL
PAININ	Chlorophenylmethyl sulfoxide	1/7/2014	UL19	ABPI	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
35512	Chlorophenylmethyl sulfoxide	8/18/2014	UL19	ACKZ	Both results less than the MRL
36571	Chlorophenylmethyl sulfoxide	8/19/2014	UL19	ACLH	Both results less than the MRL
35512	Dichlorodiphenyltrichloroethane	8/18/2014	UH57	ACKY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	Dichlorodiphenyltrichloroethane	10/1/2013	UH57	ABKH	Both results less than the MRL
35514	Dichlorodiphenyltrichloroethane	8/18/2014	UH57	ACKY	Both results less than the MRL
36565	Dicyclopentadiene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	Dicyclopentadiene	12/4/2013	UM85	ABNA	Both results less than the MRL
36318	Dicyclopentadiene	5/12/2014	UM85	ACCM	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36318	Dicyclopentadiene	3/5/2014	UM85	ABTV	Both results less than the MRL
36244	Dicyclopentadiene	5/13/2014	UM85	ACCS	Both results less than the MRL
36240	Dicyclopentadiene	12/2/2013	UM85	ABMY	Both results less than the MRL
PAININ	Dicyclopentadiene	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
35514	Dieldrin	8/18/2014	UH57	ACKY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36565	Diisopropyl methylphosphonate	5/15/2014	UM84	ACCX	Both results less than the MRL
PAININ	Diisopropyl methylphosphonate	1/7/2014	UM84	ABPC	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	Dithiane	1/7/2014	UL19	ABPI	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
35512	Dithiane	8/18/2014	UL19	ACKZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
35514	Dithiane	8/18/2014	UL19	ACKZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36571	Dithiane	8/19/2014	UL19	ACLH	Both results less than the MRL
35514	Endrin	8/18/2014	UH57	ACKY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PAININ	Mercury	1/7/2014	SB34	ABPT	Both results less than the MRL
36318	Tetrachloroethylene	5/12/2014	UM85	ACCM	Both results less than the MRL
36565	Tetrachloroethylene	5/15/2014	UM85	ACCV	Both results less than the MRL
36240	Tetrachloroethylene	12/2/2013	UM85	ABMY	Both results less than the MRL
36318	Tetrachloroethylene	3/5/2014	UM85	ABTV	Both results less than the MRL
PAININ	Tetrachloroethylene	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36318	Tetrachloroethylene	12/4/2013	UM85	ABNA	Both results less than the MRL
36244	Tetrachloroethylene	5/13/2014	UM85	ACCS	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
36565	Trichloroethylene	5/15/2014	UM85	ACCV	Both results less than the MRL
36318	Trichloroethylene	3/5/2014	UM85	ABTV	Both results less than the MRL
36318	Trichloroethylene	12/4/2013	UM85	ABNA	Both results less than the MRL
PAININ	Trichloroethylene	10/1/2013	UM85	ABKF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36240	Trichloroethylene	12/2/2013	UM85	ABMY	Both results less than the MRL
36318	Trichloroethylene	5/12/2014	UM85	ACCM	Both results less than the MRL
36244	Trichloroethylene	5/13/2014	UM85	ACCS	Both results less than the MRL

Confined Flow System

36183	1,1-Dichloroethane	11/19/2013	UM85	ABMS	Both results less than the MRL
36183	Benzene	11/19/2013	UM85	ABMS	Both results less than the MRL
36183	Chloride	11/19/2013	3000	ABMR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
35083	Chloride	11/19/2013	3000	ABMR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36159	Chloride	11/18/2013	3000	ABMO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
35063	Chloride	11/14/2013	3000	ABMK	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
26147	Chloride	11/13/2013	3000	ABMJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36183	Chlorobenzene	11/19/2013	UM85	ABMS	Both results less than the MRL

Exceedance

37405	1,2-Dichloroethane	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	1,2-Dichloroethane	2/24/2014	UM85	ABTE	Both results less than the MRL
37405	1,3-Dichlorobenzene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	1,3-Dichlorobenzene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Aldrin	2/24/2014	UH57	ABTO	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37011	Alpha-Chlordane	2/24/2014	UH57	ABTO	Both results less than the MRL
37065	Arsenic	12/12/2013	7062	ABOC	Both results less than the MRL
37405	Benzene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Benzene	2/24/2014	UM85	ABTE	Both results less than the MRL
37151	Carbon tetrachloride	12/19/2013	UM85	ABON	Both results less than the MRL
37405	Carbon tetrachloride	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Carbon tetrachloride	2/24/2014	UM85	ABTE	Both results less than the MRL
37151	Chloride	12/19/2013	3000	ABOP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37370	Chloride	12/17/2013	3000	ABNR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37150	Chloride	12/19/2013	3000	ABOP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37328	Chloride	12/26/2013	3000	ABOJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23198	Chloride	6/2/2014	3000	ACEF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37084	Chloride	1/22/2014	3000	ABQG	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37041	Chloride	1/21/2014	3000	ABQF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37074	Chloride	12/16/2013	3000	ABNP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23198	Chloride	6/2/2014	3000	ACEF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37126	Chloride	12/30/2013	3000	ABOL	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37065	Chloride	12/12/2013	3000	ABNO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37008	Chloride	2/24/2014	3000	ABTA	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37397	Chloride	2/20/2014	3000	ABSS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37065	Chloride	12/12/2013	3000	ABNO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37374	Chloride	2/18/2014	3000	ABSM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37094	Chloride	3/3/2014	3000	ABTR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37011	Chloride	2/24/2014	3000	ABSZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37110	Chloride	1/30/2014	3000	ABQU	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37452	Chloride	2/12/2014	3000	ABRZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37405	Chlorobenzene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Chlorobenzene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Chloroform	2/24/2014	UM85	ABTE	Both results less than the MRL
37405	Chloroform	2/24/2014	UM85	ABTE	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37065	Dibromochloropropane	12/12/2013	UH58	ABNQ	Both results less than the MRL
37011	Dichlorodiphenyldichloroethene	2/24/2014	UH57	ABTO	Both results less than the MRL
37011	Dichlorodiphenyltrichloroethane	2/24/2014	UH57	ABTO	Both results less than the MRL
37405	Dicyclopentadiene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Dicyclopentadiene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Dieldrin	2/24/2014	UH57	ABTO	One result is less than the MRL; one result is greater than the MRL and less than or equal to twice the MRL
37011	Diisopropyl methylphosphonate	2/24/2014	UM84	ABTK	Both results less than the MRL
37151	Diisopropyl methylphosphonate	12/19/2013	UM84	ABOH	Both results greater than the MRL but less than or equal to twice the MRL
37070	Diisopropyl methylphosphonate	1/21/2014	UM84	ABQJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23198	Diisopropyl methylphosphonate	6/2/2014	UM84	ACEH	Both results greater than the MRL but less than or equal to twice the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37011	Endrin	2/24/2014	UH57	ABTO	Both results greater than the MRL but less than or equal to twice the MRL
37011	Ethylbenzene	2/24/2014	UM85	ABTE	Both results less than the MRL
37405	Ethylbenzene	2/24/2014	UM85	ABTE	Both results less than the MRL
23198	Fluoride	6/2/2014	3402	ACEV	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37011	Gamma-Chlordane	2/24/2014	UH57	ABTO	Both results less than the MRL
37011	Hexachlorocyclopentadiene	2/24/2014	UH57	ABTO	Both results less than the MRL
37011	Isodrin	2/24/2014	UH57	ABTO	Both results less than the MRL
37065	N-Nitrosodimethylamine	12/12/2013	UM81	ABOF	Both results less than the MRL
37110	Sulfate	1/30/2014	3000	ABQU	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37011	Sulfate	2/24/2014	3000	ABSZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37008	Sulfate	2/24/2014	3000	ABTA	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37094	Sulfate	3/3/2014	3000	ABTR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23198	Sulfate	6/2/2014	3000	ACEF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37374	Sulfate	2/18/2014	3000	ABSM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37074	Sulfate	12/16/2013	3000	ABNP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37397	Sulfate	2/20/2014	3000	ABSS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23198	Sulfate	6/2/2014	3000	ACEF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37065	Sulfate	12/12/2013	3000	ABNO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37370	Sulfate	12/17/2013	3000	ABNR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37328	Sulfate	12/26/2013	3000	ABOJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37065	Sulfate	12/12/2013	3000	ABNO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37084	Sulfate	1/22/2014	3000	ABQG	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37011	Tetrachloroethylene	2/24/2014	UM85	ABTE	Both results less than the MRL
37405	Tetrachloroethylene	2/24/2014	UM85	ABTE	Both results less than the MRL
37405	Toluene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Toluene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Trichloroethylene	2/24/2014	UM85	ABTE	Both results less than the MRL
37405	Trichloroethylene	2/24/2014	UM85	ABTE	Both results less than the MRL
37011	Xylenes	2/24/2014	UM85	ABTE	Both results less than the MRL
37405	Xylenes	2/24/2014	UM85	ABTE	Both results less than the MRL

LTMP Surface Water

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
SW37001	Arsenic	6/30/2014	SB35	ACIE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
SW37001	Arsenic	6/30/2014	SB35	ACIE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
SW37001	Chloride	6/30/2014	3000	ACHJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
SW37001	Chloride	6/30/2014	3000	ACHJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
SW37001	Dieldrin	6/30/2014	UH57	ACHU	Both results less than the MRL
SW37001	Diisopropyl methylphosphonate	6/30/2014	UM84	ACHP	Both results less than the MRL
SW37001	N-Nitrosodimethylamine	6/30/2014	UM81	ACHQ	Both results less than the MRL
SW37001	Sulfate	6/30/2014	3000	ACHJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
SW37001	Sulfate	6/30/2014	3000	ACHJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Motor Pool/Irondale Containment System

33081	Benzene	3/25/2014	UM85	ABVL	Both results less than the MRL
-------	---------	-----------	------	------	--------------------------------

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
33081	Carbon tetrachloride	3/25/2014	UM85	ABVL	Both results less than the MRL
33081	Chloroform	3/25/2014	UM85	ABVL	Both results less than the MRL
33081	Dibromochloropropane	3/25/2014	UH58	ABWO	Both results less than the MRL
33081	Dieldrin	3/25/2014	UH57	ABVT	Both results less than the MRL
04535	Trichloroethylene	5/20/2014	UM85	ACDP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

North Boundary Containment System

24201	1,2-Dichloroethane	6/23/2014	UM85	ACGU	Both results less than the MRL
PNININ	1,2-Dichloroethane	10/2/2013	UM85	ABKC	Both results less than the MRL
23119	1,2-Dichloroethane	6/19/2014	UM85	ACGP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	1,4-Oxathiane	6/19/2014	UL19	ACGJ	Both results less than the MRL
24201	1,4-Oxathiane	6/23/2014	UL19	ACGS	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PNININ	1,4-Oxathiane	7/7/2014	UL19	ACIL	Both results less than the MRL
PNININ	Aldrin	1/6/2014	UH57	ABOT	Both results less than the MRL
24201	Aldrin	6/23/2014	UH57	ACGW	Both results less than the MRL
23119	Aldrin	6/19/2014	UH57	ACGM	Both results less than the MRL
PNININ	Arsenic	4/2/2014	SB35	ABWG	Both results less than the MRL
23119	Arsenic	6/19/2014	SB35	ACHB	Both results less than the MRL
24201	Arsenic	6/23/2014	SB35	ACHB	Both results less than the MRL
PNININ	Atrazine	7/7/2014	UN56	ACIM	Both results less than the MRL
23119	Atrazine	6/19/2014	UN56	ACGL	Both results less than the MRL
24201	Atrazine	6/23/2014	UN56	ACGT	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
23119	Benzene	6/19/2014	UM85	ACGP	Both results less than the MRL
24201	Benzene	6/23/2014	UM85	ACGU	Both results less than the MRL
24126	Benzene	6/23/2014	UM85	ACGU	Both results less than the MRL
PNININ	Benzene	10/2/2013	UM85	ABKC	Both results less than the MRL
24124	Benzene	6/9/2014	UM85	ACEU	Both results less than the MRL
24201	Carbon tetrachloride	6/23/2014	UM85	ACGU	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	Carbon tetrachloride	6/19/2014	UM85	ACGP	Both results less than the MRL
PNININ	Carbon tetrachloride	10/2/2013	UM85	ABKC	Both results greater than the MRL but less than or equal to twice the MRL
24126	Carbon tetrachloride	6/23/2014	UM85	ACGU	Both results less than the MRL
24124	Carbon tetrachloride	6/9/2014	UM85	ACEU	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
24114	Chloride	6/19/2014	3000	ACGF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNEFEF	Chloride	1/6/2014	3000	ABPA	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23160	Chloride	6/26/2014	3000	ACHE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24199	Chloride	6/17/2014	3000	ACFP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Chloride	4/2/2014	3000	ABVX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23161	Chloride	6/23/2014	3000	ACGN	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23434	Chloride	6/10/2014	3000	ACEX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Chloride	6/23/2014	3000	ACGN	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24004	Chloride	6/12/2014	3000	ACFE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	Chloride	6/19/2014	3000	ACGF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PNEFEF	Chloride	7/7/2014	3000	ACIF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23405	Chloride	6/11/2014	3000	ACFW	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24185	Chloride	6/16/2014	3000	ACFO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNEFEF	Chloride	4/2/2014	3000	ABVX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Chloride	10/2/2013	3000	ABKD	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24126	Chloroform	6/23/2014	UM85	ACGU	Both results less than the MRL
24124	Chloroform	6/9/2014	UM85	ACEU	Both results less than the MRL
23119	Chloroform	6/19/2014	UM85	ACGP	Both results greater than the MRL but less than or equal to twice the MRL
PNININ	Chloroform	10/2/2013	UM85	ABKC	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Chlorophenylmethyl sulfide	6/23/2014	UL19	ACGS	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
23119	Chlorophenylmethyl sulfide	6/19/2014	UL19	ACGJ	Both results less than the MRL
PNININ	Chlorophenylmethyl sulfide	7/7/2014	UL19	ACIL	Both results less than the MRL
PNININ	Chlorophenylmethyl sulfone	7/7/2014	UL19	ACIL	Both results less than the MRL
23119	Chlorophenylmethyl sulfone	6/19/2014	UL19	ACGJ	Both results less than the MRL
24201	Chlorophenylmethyl sulfone	6/23/2014	UL19	ACGS	Both results less than the MRL
24201	Chlorophenylmethyl sulfoxide	6/23/2014	UL19	ACGS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Chlorophenylmethyl sulfoxide	7/7/2014	UL19	ACIL	Both results greater than the MRL but less than or equal to twice the MRL
23119	Chlorophenylmethyl sulfoxide	6/19/2014	UL19	ACGJ	Both results greater than the MRL but less than or equal to twice the MRL
24201	cis-1,2-Dichloroethylene	6/23/2014	UM85	ACGU	Both results less than the MRL
PNININ	cis-1,2-Dichloroethylene	10/2/2013	UM85	ABKC	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
23119	cis-1,2-Dichloroethylene	6/19/2014	UM85	ACGP	Both results less than the MRL
23119	Dibromochloropropane	6/19/2014	UH58	ACGQ	Both results less than the MRL
24124	Dibromochloropropane	6/9/2014	UH58	ACFF	Both results less than the MRL
24126	Dibromochloropropane	6/23/2014	UH58	ACGQ	Both results less than the MRL
PNININ	Dibromochloropropane	7/7/2014	UH58	ACIS	Both results less than the MRL
24201	Dibromochloropropane	6/23/2014	UH58	ACGQ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	Dicyclopentadiene	6/19/2014	UM85	ACGP	Both results less than the MRL
PNININ	Dicyclopentadiene	10/2/2013	UM85	ABKC	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Dicyclopentadiene	6/23/2014	UM85	ACGU	Both results less than the MRL
23119	Dieldrin	6/19/2014	UH57	ACGM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PNININ	Dieldrin	1/6/2014	UH57	ABOT	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Dieldrin	6/23/2014	UH57	ACGW	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24124	Dieldrin	6/9/2014	UH57	ACFA	Both results less than the MRL
24124	Diisopropyl methylphosphonate	6/9/2014	UM84	ACFG	Both results less than the MRL
23119	Diisopropyl methylphosphonate	6/19/2014	UM84	ACGB	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24126	Diisopropyl methylphosphonate	6/23/2014	UM84	ACGR	Both results less than the MRL
PNININ	Diisopropyl methylphosphonate	10/2/2013	UM84	ABKJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Diisopropyl methylphosphonate	6/23/2014	UM84	ACGR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Dithiane	6/23/2014	UL19	ACGS	Both results less than the MRL
23119	Dithiane	6/19/2014	UL19	ACGJ	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PNININ	Dithiane	7/7/2014	UL19	ACIL	Both results less than the MRL
24124	Dithiane	6/9/2014	UL19	ACFC	Both results less than the MRL
24126	Dithiane	6/23/2014	UL19	ACGS	Both results less than the MRL
23119	Endrin	6/19/2014	UH57	ACGM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Endrin	1/6/2014	UH57	ABOT	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Endrin	6/23/2014	UH57	ACGW	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	Fluoride	6/19/2014	3402	ACGE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	Isodrin	6/19/2014	UH57	ACGM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Isodrin	1/6/2014	UH57	ABOT	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Isodrin	6/23/2014	UH57	ACGW	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PNININ	Malathion	7/7/2014	UN56	ACIM	Both results less than the MRL
24201	Malathion	6/23/2014	UN56	ACGT	Both results less than the MRL
23119	Malathion	6/19/2014	UN56	ACGL	Both results less than the MRL
PNININ	Mercury	7/7/2014	SB34	ACID	Both results less than the MRL
PNININ	Methylene chloride	10/2/2013	UM85	ABKC	Both results less than the MRL
24201	Methylene chloride	6/23/2014	UM85	ACGU	Both results less than the MRL
23119	Methylene chloride	6/19/2014	UM85	ACGP	Both results less than the MRL
23119	N-Nitrosodimethylamine	6/19/2014	UM81	ACGK	Both results less than the MRL
24201	N-Nitrosodimethylamine	6/23/2014	UM81	ACGV	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	N-Nitrosodimethylamine	1/6/2014	UM81	ABPF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
24126	N-Nitrosodimethylamine	6/23/2014	UM81	ACGV	Both results less than the MRL
24124	N-Nitrosodimethylamine	6/9/2014	UM81	ACFB	Both results less than the MRL
24185	Sulfate	6/16/2014	3000	ACFO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24199	Sulfate	6/17/2014	3000	ACFP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23200	Sulfate	6/18/2014	3000	ACFX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24004	Sulfate	6/12/2014	3000	ACFE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24201	Sulfate	6/23/2014	3000	ACGN	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23160	Sulfate	6/26/2014	3000	ACHE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
24114	Sulfate	6/19/2014	3000	ACGF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNEFEF	Sulfate	7/7/2014	3000	ACIF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PNEFEF	Sulfate	1/6/2014	3000	ABPA	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNEFEF	Sulfate	4/2/2014	3000	ABVX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Sulfate	10/2/2013	3000	ABKD	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23405	Sulfate	6/11/2014	3000	ACFW	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	Sulfate	6/19/2014	3000	ACGF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Sulfate	4/2/2014	3000	ABVX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23161	Sulfate	6/23/2014	3000	ACGN	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23434	Sulfate	6/10/2014	3000	ACEX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23119	Tetrachloroethylene	6/19/2014	UM85	ACGP	Both results greater than the MRL but less than or equal to twice the MRL
PNININ	Tetrachloroethylene	10/2/2013	UM85	ABKC	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
24201	Tetrachloroethylene	6/23/2014	UM85	ACGU	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PNININ	Toluene	10/2/2013	UM85	ABKC	Both results less than the MRL
23119	Toluene	6/19/2014	UM85	ACGP	Both results less than the MRL
24201	Toluene	6/23/2014	UM85	ACGU	One result is less than the MRL; one result is greater than the MRL and less than or equal to twice the MRL
PNININ	trans-1,2-Dichloroethylene	10/2/2013	UM85	ABKC	Both results less than the MRL
24201	trans-1,2-Dichloroethylene	6/23/2014	UM85	ACGU	Both results less than the MRL
23119	trans-1,2-Dichloroethylene	6/19/2014	UM85	ACGP	Both results less than the MRL
23119	Trichloroethylene	6/19/2014	UM85	ACGP	Both results less than the MRL
24201	Trichloroethylene	6/23/2014	UM85	ACGU	Both results greater than the MRL but less than or equal to twice the MRL
PNININ	Trichloroethylene	10/2/2013	UM85	ABKC	Both results greater than the MRL but less than or equal to twice the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
24201	Xylenes	6/23/2014	UM85	ACGU	Both results less than the MRL
23119	Xylenes	6/19/2014	UM85	ACGP	Both results less than the MRL
PNININ	Xylenes	10/2/2013	UM85	ABKC	Both results less than the MRL

Northwest Boundary Containment System

27083	Arsenic	3/17/2014	SB35	ABUP	Both results less than the MRL
22008	Arsenic	3/11/2014	SB35	ABUK	Both results greater than the MRL but less than or equal to twice the MRL
PWININ	Arsenic	4/1/2014	SB35	ABWG	Both results less than the MRL
37600	Arsenic	3/19/2014	SB35	ABVG	Both results less than the MRL
27500	Chloroform	5/15/2014	UM85	ACCV	Both results less than the MRL
PWININ	Chloroform	1/21/2014	UM85	ABQK	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27500	Chloroform	10/28/2013	UM85	ABLN	Both results greater than the MRL but less than or equal to twice the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
22008	Chloroform	3/11/2014	UM85	ABUL	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37600	Chloroform	3/19/2014	UM85	ABUX	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PWININ	Chloroform	10/2/2013	UM85	ABKC	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
22008	Dieldrin	3/11/2014	UH57	ABVD	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27500	Dieldrin	10/28/2013	UH57	ABLS	Both results greater than the MRL but less than or equal to twice the MRL
37600	Dieldrin	3/19/2014	UH57	ABVS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PWININ	Dieldrin	10/2/2013	UH57	ABKM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27500	Dieldrin	5/15/2014	UH57	ACDD	Both results greater than the MRL but less than or equal to twice the MRL
22512	Dieldrin	8/4/2014	UH57	ACJZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
22008	Diisopropyl methylphosphonate	4/16/2014	UM84	ABXG	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
22008	Diisopropyl methylphosphonate	3/11/2014	UM84	ABUT	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
22008	Endrin	3/11/2014	UH57	ABVD	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27500	Endrin	10/28/2013	UH57	ABLS	Both results less than the MRL
PWININ	Endrin	10/2/2013	UH57	ABKM	Both results less than the MRL
22512	Endrin	8/4/2014	UH57	ACJZ	Both results less than the MRL
27500	Endrin	5/15/2014	UH57	ACDD	Both results less than the MRL
37600	Endrin	3/19/2014	UH57	ABVS	Both results less than the MRL
37600	Isodrin	3/19/2014	UH57	ABVS	Both results less than the MRL
22512	Isodrin	8/4/2014	UH57	ACJZ	Both results less than the MRL
27500	Isodrin	5/15/2014	UH57	ACDD	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PWININ	Isodrin	10/2/2013	UH57	ABKM	Both results less than the MRL
27500	Isodrin	10/28/2013	UH57	ABLS	Both results less than the MRL
22008	Isodrin	3/11/2014	UH57	ABVD	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37600	N-Nitrosodimethylamine	3/19/2014	UM81	ABVH	Both results less than the MRL
22008	N-Nitrosodimethylamine	3/11/2014	UM81	ABUR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PWININ	N-Nitrosodimethylamine	1/8/2014	UM81	ABPG	Both results less than the MRL
27500	Trichloroethylene	5/15/2014	UM85	ACCV	Both results less than the MRL
22008	Trichloroethylene	3/11/2014	UM85	ABUL	Both results greater than the MRL but less than or equal to twice the MRL
27500	Trichloroethylene	10/28/2013	UM85	ABLN	Both results less than the MRL
37600	Trichloroethylene	3/19/2014	UM85	ABUX	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PWININ	Trichloroethylene	10/2/2013	UM85	ABKC	Both results less than the MRL
PWININ	Trichloroethylene	1/21/2014	UM85	ABQK	Both results less than the MRL
PWININ	Trichloroethylene	1/8/2014	UM85	ABPJ	Both results less than the MRL

Off-Post Groundwater Intercept and Treatment System

37494	1,2-Dichloroethane	8/14/2014	UM85	ACKR	Both results less than the MRL
37495	1,2-Dichloroethane	11/12/2013	UM85	ABMN	Both results less than the MRL
37368	1,2-Dichloroethane	8/13/2014	UM85	ACKQ	Both results less than the MRL
37102	1,2-Dichloroethane	6/3/2014	UM85	ACEP	Both results less than the MRL
37039	1,2-Dichloroethane	3/4/2014	UM85	ABTT	Both results less than the MRL
PPININ	1,2-Dichloroethane	1/8/2014	UM85	ABPJ	Both results less than the MRL
37038	1,2-Dichloroethane	2/27/2014	UM85	ABTM	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37038	1,3-Dichlorobenzene	2/27/2014	UM85	ABTM	Both results less than the MRL
37368	1,3-Dichlorobenzene	8/13/2014	UM85	ACKQ	Both results less than the MRL
PPININ	1,3-Dichlorobenzene	1/8/2014	UM85	ABPJ	Both results less than the MRL
37815	1,3-Dichlorobenzene	11/6/2013	UM85	ABML	Both results less than the MRL
37102	1,3-Dichlorobenzene	6/3/2014	UM85	ACEP	Both results less than the MRL
37494	1,3-Dichlorobenzene	8/14/2014	UM85	ACKR	Both results less than the MRL
37039	1,3-Dichlorobenzene	3/4/2014	UM85	ABTT	Both results less than the MRL
37495	1,3-Dichlorobenzene	11/12/2013	UM85	ABMN	Both results less than the MRL
PPININ	1,4-Oxathiane	7/8/2014	UL19	ACIL	Both results less than the MRL
PPININ	Aldrin	10/3/2013	UH57	ABKM	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37809	Aldrin	11/6/2013	UH57	ABME	Both results less than the MRL
37103	Aldrin	8/13/2014	UH57	ACKS	Both results less than the MRL
37039	Aldrin	3/4/2014	UH57	ABUI	Both results less than the MRL
37464	Aldrin	8/14/2014	UH57	ACKS	One result is less than the MRL; one result is greater than the MRL and less than or equal to twice the MRL
37464	Alpha-Chlordane	8/14/2014	UH57	ACKS	Both results less than the MRL
37103	Alpha-Chlordane	8/13/2014	UH57	ACKS	Both results less than the MRL
37809	Alpha-Chlordane	11/6/2013	UH57	ABME	Both results less than the MRL
37039	Alpha-Chlordane	3/4/2014	UH57	ABUI	Both results less than the MRL
PPININ	Alpha-Chlordane	10/3/2013	UH57	ABKM	Both results less than the MRL
PPININ	Arsenic	1/8/2014	7062	ABQB	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37464	Arsenic	8/14/2014	SB35	ACLS	Both results greater than the MRL; investigative result is less than or equal to twice the MRL; duplicate result is greater than twice the MRL; and the RPD is less than or equal to the RPD upper limit
37809	Arsenic	11/6/2013	7062	ABMD	Both results less than the MRL
PPININ	Atrazine	7/8/2014	UN56	ACIM	Both results less than the MRL
PPININ	Benzene	1/8/2014	UM85	ABPJ	Both results less than the MRL
37038	Benzene	2/27/2014	UM85	ABTM	Both results less than the MRL
37102	Benzene	6/3/2014	UM85	ACEP	Both results less than the MRL
37494	Benzene	8/14/2014	UM85	ACKR	Both results less than the MRL
37368	Benzene	8/13/2014	UM85	ACKQ	Both results less than the MRL
37039	Benzene	3/4/2014	UM85	ABTT	Both results less than the MRL
37815	Benzene	11/6/2013	UM85	ABML	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37495	Benzene	11/12/2013	UM85	ABMN	Both results less than the MRL
PPININ	Carbon tetrachloride	1/8/2014	UM85	ABPJ	Both results less than the MRL
37038	Carbon tetrachloride	2/27/2014	UM85	ABTM	Both results less than the MRL
37815	Carbon tetrachloride	11/6/2013	UM85	ABML	Both results less than the MRL
37102	Carbon tetrachloride	6/3/2014	UM85	ACEP	Both results less than the MRL
37495	Carbon tetrachloride	11/12/2013	UM85	ABMN	Both results less than the MRL
37368	Carbon tetrachloride	8/13/2014	UM85	ACKQ	Both results less than the MRL
37494	Carbon tetrachloride	8/14/2014	UM85	ACKR	Both results less than the MRL
37039	Carbon tetrachloride	3/4/2014	UM85	ABTT	Both results less than the MRL
PPEFEF	Chloride	1/8/2014	3000	ABPB	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PPEFEF	Chloride	10/3/2013	3000	ABKE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PPININ	Chloride	1/8/2014	3000	ABPB	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37817	Chloride	1/23/2014	3000	ABQL	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37815	Chloride	2/13/2014	3000	ABSB	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PPEFEF	Chloride	4/3/2014	3000	ABVY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37038	Chlorobenzene	2/27/2014	UM85	ABTM	Both results less than the MRL
37368	Chlorobenzene	8/13/2014	UM85	ACKQ	Both results less than the MRL
PPININ	Chlorobenzene	1/8/2014	UM85	ABPJ	Both results less than the MRL
37495	Chlorobenzene	11/12/2013	UM85	ABMN	Both results less than the MRL
37815	Chlorobenzene	11/6/2013	UM85	ABML	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37494	Chlorobenzene	8/14/2014	UM85	ACKR	Both results less than the MRL
37039	Chlorobenzene	3/4/2014	UM85	ABTT	Both results less than the MRL
37102	Chlorobenzene	6/3/2014	UM85	ACEP	Both results less than the MRL
PPININ	Chloroform	1/8/2014	UM85	ABPJ	Both results greater than the MRL but less than or equal to twice the MRL
37102	Chloroform	6/3/2014	UM85	ACEP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37368	Chloroform	8/13/2014	UM85	ACKQ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37038	Chloroform	2/27/2014	UM85	ABTM	Both results less than the MRL
37039	Chloroform	3/4/2014	UM85	ABTT	Both results less than the MRL
37495	Chloroform	11/12/2013	UM85	ABMN	Both results greater than the MRL but less than or equal to twice the MRL
37494	Chloroform	8/14/2014	UM85	ACKR	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37815	Chloroform	11/6/2013	UM85	ABML	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PPININ	Chlorophenylmethyl sulfide	7/8/2014	UL19	ACIL	Both results less than the MRL
PPININ	Chlorophenylmethyl sulfone	7/8/2014	UL19	ACIL	Both results less than the MRL
PPININ	Chlorophenylmethyl sulfoxide	7/8/2014	UL19	ACIL	Both results less than the MRL
37368	Dibromochloropropane	8/13/2014	UH58	ACKP	Both results greater than the MRL but less than or equal to twice the MRL
PPININ	Dibromochloropropane	1/8/2014	UH58	ABOV	Both results less than the MRL
37815	Dibromochloropropane	11/6/2013	UH58	ABMB	Both results less than the MRL
37463	Dibromochloropropane	2/25/2014	UH58	ABTS	Both results less than the MRL
37102	Dibromochloropropane	6/3/2014	UH58	ACEM	Both results less than the MRL
37809	Dichlorodipenyldichloroethene	11/6/2013	UH57	ABME	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37039	Dichlorodiphenyldichloroethene	3/4/2014	UH57	ABUI	Both results less than the MRL
37103	Dichlorodiphenyldichloroethene	8/13/2014	UH57	ACKS	Both results less than the MRL
37464	Dichlorodiphenyldichloroethene	8/14/2014	UH57	ACKS	Both results less than the MRL
PPININ	Dichlorodiphenyldichloroethene	10/3/2013	UH57	ABKM	Both results less than the MRL
37464	Dichlorodiphenyltrichloroethane	8/14/2014	UH57	ACKS	Both results less than the MRL
37103	Dichlorodiphenyltrichloroethane	8/13/2014	UH57	ACKS	Both results less than the MRL
37809	Dichlorodiphenyltrichloroethane	11/6/2013	UH57	ABME	Both results less than the MRL
PPININ	Dichlorodiphenyltrichloroethane	10/3/2013	UH57	ABKM	Both results less than the MRL
37039	Dichlorodiphenyltrichloroethane	3/4/2014	UH57	ABUI	Both results less than the MRL
37038	Dicyclopentadiene	2/27/2014	UM85	ABTM	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37102	Dicyclopentadiene	6/3/2014	UM85	ACEP	Both results less than the MRL
37495	Dicyclopentadiene	11/12/2013	UM85	ABMN	Both results less than the MRL
37815	Dicyclopentadiene	11/6/2013	UM85	ABML	Both results less than the MRL
37494	Dicyclopentadiene	8/14/2014	UM85	ACKR	Both results less than the MRL
37368	Dicyclopentadiene	8/13/2014	UM85	ACKQ	Both results less than the MRL
PPININ	Dicyclopentadiene	1/8/2014	UM85	ABPJ	Both results less than the MRL
37039	Dicyclopentadiene	3/4/2014	UM85	ABTT	Both results less than the MRL
37103	Dieldrin	8/13/2014	UH57	ACKS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37809	Dieldrin	11/6/2013	UH57	ABME	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37464	Dieldrin	8/14/2014	UH57	ACKS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PPININ	Dieldrin	10/3/2013	UH57	ABKM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37039	Dieldrin	3/4/2014	UH57	ABUI	Both results less than the MRL
37494	Diisopropyl methylphosphonate	8/14/2014	UM84	ACKT	Both results less than the MRL
37495	Diisopropyl methylphosphonate	11/12/2013	UM84	ABMH	Both results less than the MRL
37038	Diisopropyl methylphosphonate	2/27/2014	UM84	ABTL	Both results less than the MRL
PPININ	Diisopropyl methylphosphonate	10/3/2013	UM84	ABKJ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37465	Diisopropyl methylphosphonate	8/14/2014	UM84	ACKT	Both results greater than the MRL but less than or equal to twice the MRL
37039	Diisopropyl methylphosphonate	3/4/2014	UM84	ABUE	Both results greater than the MRL but less than or equal to twice the MRL
37809	Diisopropyl methylphosphonate	11/6/2013	UM84	ABMF	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PPININ	Dithiane	7/8/2014	UL19	ACIL	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PPININ	Endrin	10/3/2013	UH57	ABKM	Both results greater than the MRL but less than or equal to twice the MRL
37464	Endrin	8/14/2014	UH57	ACKS	Both results less than the MRL
37103	Endrin	8/13/2014	UH57	ACKS	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37809	Endrin	11/6/2013	UH57	ABME	One result is less than the MRL; one result is greater than the MRL and less than or equal to twice the MRL
37039	Endrin	3/4/2014	UH57	ABUI	Both results less than the MRL
37368	Ethylbenzene	8/13/2014	UM85	ACKQ	Both results less than the MRL
37039	Ethylbenzene	3/4/2014	UM85	ABTT	Both results less than the MRL
PPININ	Ethylbenzene	1/8/2014	UM85	ABPJ	Both results less than the MRL
37038	Ethylbenzene	2/27/2014	UM85	ABTM	Both results less than the MRL
37815	Ethylbenzene	11/6/2013	UM85	ABML	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37495	Ethylbenzene	11/12/2013	UM85	ABMN	Both results less than the MRL
37102	Ethylbenzene	6/3/2014	UM85	ACEP	Both results less than the MRL
37494	Ethylbenzene	8/14/2014	UM85	ACKR	Both results less than the MRL
PPININ	Fluoride	1/8/2014	3402	ABOZ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37464	Gamma-Chlordane	8/14/2014	UH57	ACKS	Both results less than the MRL
37809	Gamma-Chlordane	11/6/2013	UH57	ABME	Both results less than the MRL
PPININ	Gamma-Chlordane	10/3/2013	UH57	ABKM	Both results less than the MRL
37103	Gamma-Chlordane	8/13/2014	UH57	ACKS	Both results less than the MRL
37039	Gamma-Chlordane	3/4/2014	UH57	ABUI	Both results less than the MRL
37809	Hexachlorocyclopentadiene	11/6/2013	UH57	ABME	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37464	Hexachlorocyclopentadiene	8/14/2014	UH57	ACKS	Both results less than the MRL
PPININ	Hexachlorocyclopentadiene	10/3/2013	UH57	ABKM	Both results less than the MRL
37039	Hexachlorocyclopentadiene	3/4/2014	UH57	ABUI	Both results less than the MRL
37103	Hexachlorocyclopentadiene	8/13/2014	UH57	ACKS	Both results less than the MRL
37809	Isodrin	11/6/2013	UH57	ABME	Both results less than the MRL
PPININ	Isodrin	10/3/2013	UH57	ABKM	Both results less than the MRL
37464	Isodrin	8/14/2014	UH57	ACKS	Both results less than the MRL
37103	Isodrin	8/13/2014	UH57	ACKS	Both results less than the MRL
37039	Isodrin	3/4/2014	UH57	ABUI	Both results less than the MRL
PPININ	Malathion	7/8/2014	UN56	ACIM	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PPININ	N-Nitrosodimethylamine	10/3/2013	UM81	ABKO	Both results less than the MRL
PPININ	Sulfate	1/8/2014	3000	ABPB	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PPEFEF	Sulfate	10/3/2013	3000	ABKE	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37817	Sulfate	1/23/2014	3000	ABQL	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PPEFEF	Sulfate	1/8/2014	3000	ABPB	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
PPEFEF	Sulfate	4/3/2014	3000	ABVY	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37815	Sulfate	2/13/2014	3000	ABSB	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37495	Tetrachloroethylene	11/12/2013	UM85	ABMN	Both results less than the MRL
37038	Tetrachloroethylene	2/27/2014	UM85	ABTM	Both results less than the MRL
PPININ	Tetrachloroethylene	1/8/2014	UM85	ABPJ	Both results greater than the MRL but less than or equal to twice the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37494	Tetrachloroethylene	8/14/2014	UM85	ACKR	Both results less than the MRL
37102	Tetrachloroethylene	6/3/2014	UM85	ACEP	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37815	Tetrachloroethylene	11/6/2013	UM85	ABML	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37368	Tetrachloroethylene	8/13/2014	UM85	ACKQ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
37039	Tetrachloroethylene	3/4/2014	UM85	ABTT	Both results less than the MRL
37039	Toluene	3/4/2014	UM85	ABTT	Both results less than the MRL
37102	Toluene	6/3/2014	UM85	ACEP	Both results less than the MRL
37368	Toluene	8/13/2014	UM85	ACKQ	Both results less than the MRL
37815	Toluene	11/6/2013	UM85	ABML	Both results less than the MRL
37494	Toluene	8/14/2014	UM85	ACKR	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PPININ	Toluene	1/8/2014	UM85	ABPJ	Both results less than the MRL
37495	Toluene	11/12/2013	UM85	ABMN	Both results less than the MRL
37038	Toluene	2/27/2014	UM85	ABTM	Both results less than the MRL
37039	Trichloroethylene	3/4/2014	UM85	ABTT	Both results less than the MRL
37494	Trichloroethylene	8/14/2014	UM85	ACKR	Both results less than the MRL
PPININ	Trichloroethylene	1/8/2014	UM85	ABPJ	Both results less than the MRL
37102	Trichloroethylene	6/3/2014	UM85	ACEP	Both results less than the MRL
37495	Trichloroethylene	11/12/2013	UM85	ABMN	Both results less than the MRL
37815	Trichloroethylene	11/6/2013	UM85	ABML	Both results less than the MRL
37368	Trichloroethylene	8/13/2014	UM85	ACKQ	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
37038	Trichloroethylene	2/27/2014	UM85	ABTM	Both results less than the MRL
37039	Xylenes	3/4/2014	UM85	ABTT	Both results less than the MRL
PPININ	Xylenes	1/8/2014	UM85	ABPJ	Both results less than the MRL
37815	Xylenes	11/6/2013	UM85	ABML	Both results less than the MRL
37102	Xylenes	6/3/2014	UM85	ACEP	Both results less than the MRL
37494	Xylenes	8/14/2014	UM85	ACKR	Both results less than the MRL
37368	Xylenes	8/13/2014	UM85	ACKQ	Both results less than the MRL
37038	Xylenes	2/27/2014	UM85	ABTM	Both results less than the MRL
37495	Xylenes	11/12/2013	UM85	ABMN	Both results less than the MRL

Railyard Containment System

03523	Dibromochloropropane	3/4/2014	UH58	ABTU	Both results greater than the MRL but less than or equal to twice the MRL
-------	----------------------	----------	------	------	---

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
03523	Dibromochloropropane	5/19/2014	UH58	ACDE	Both results less than the MRL
03523	Dibromochloropropane	8/11/2014	UH58	ACKL	Both results less than the MRL
03523	Dibromochloropropane	10/30/2013	UH58	ABLT	Both results greater than the MRL but less than or equal to twice the MRL

Water Quality Tracking

23095	Arsenic	6/4/2014	SB35	ACEQ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
25059	Benzene	6/25/2014	UM85	ACGZ	Both results less than the MRL
23095	Benzene	6/4/2014	UM85	ACEY	Both results less than the MRL
03005	Benzene	3/26/2014	UM85	ABVL	Both results less than the MRL
23095	Carbon tetrachloride	6/4/2014	UM85	ACEY	Both results less than the MRL
03005	Carbon tetrachloride	3/26/2014	UM85	ABVL	Both results less than the MRL
25059	Carbon tetrachloride	6/25/2014	UM85	ACGZ	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
35065	Chloride	9/17/2014	3000	ACNH	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
25059	Chloride	6/25/2014	3000	ACHD	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36629	Chloride	9/18/2014	3000	ACNU	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
25059	Chloride	6/25/2014	3000	ACHD	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23142	Chloride	6/5/2014	3000	ACEL	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23095	Chloride	6/4/2014	3000	ACEI	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
36210	Chloride	6/3/2014	3000	ACEI	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23548	Chloride	6/9/2014	3000	ACEW	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27083	Chloroform	3/17/2014	UM85	ABUQ	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27091	Chloroform	3/17/2014	UM85	ABUQ	Both results less than the MRL

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
25059	Chloroform	6/25/2014	UM85	ACGZ	Both results less than the MRL
03005	Chloroform	3/26/2014	UM85	ABVL	Both results less than the MRL
23095	Chloroform	6/4/2014	UM85	ACEY	Both results less than the MRL
23095	Dibromochloropropane	6/4/2014	UH58	ACEM	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
25059	Dieldrin	6/25/2014	UH57	ACHF	Both results less than the MRL
27083	Dieldrin	3/17/2014	UH57	ABVR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23095	Dieldrin	6/4/2014	UH57	ACER	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27091	Dieldrin	3/17/2014	UH57	ABVR	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
03005	Dieldrin	3/26/2014	UH57	ABVV	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23095	Diisopropyl methylphosphonate	6/4/2014	UM84	ACES	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit

Table I-2: FY2014 Investigative/Duplicate Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
23095	Dithiane	6/4/2014	UL19	ACEN	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
25059	Fluoride	6/25/2014	3402	ACHI	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
23095	N-Nitrosodimethylamine	6/4/2014	UM81	ACEO	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
27083	N-Nitrosodimethylamine	3/17/2014	UM81	ABUS	Both results less than the MRL
23142	Sulfate	6/5/2014	3000	ACEL	Both results greater than twice the MRL and the RPD is less than or equal to the RPD upper limit
25059	Tetrachloroethylene	6/25/2014	UM85	ACGZ	Both results less than the MRL
27091	Trichloroethylene	3/17/2014	UM85	ABUQ	Both results less than the MRL

Table I-3: FY2014 Investigative/Duplicate Non-Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
Basin A Neck System					
PAININ	1,2-Dichlorobenzene	10/1/2013	UM85	ABKF	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
36318	1,4-Dichlorobenzene	5/12/2014	UM85	ACCM	The investigative sample is less than the MRL and the duplicate sample is greater than twice the MRL
35512	Arsenic	8/18/2014	SB35	ACLS	Both results are greater than the MRL; the duplicate sample is less than or equal to twice the MRL; the investigative sample is greater than twice the MRL; and the RPD is greater than the RPD upper limit
PACPIN	Arsenic	8/19/2014	SB35	ACLS	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
PAININ	Arsenic	1/7/2014	7062	ABQB	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
PAININ	Chlorobenzene	10/1/2013	UM85	ABKF	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
35514	Chlorophenylmethyl sulfoxide	8/18/2014	UL19	ACKZ	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
35512	Dieldrin	8/18/2014	UH57	ACKY	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
PAININ	Dieldrin	10/1/2013	UH57	ABKH	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
35512	Endrin	8/18/2014	UH57	ACKY	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit

Table I-3: FY2014 Investigative/Duplicate Non-Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PAININ	Endrin	10/1/2013	UH57	ABKH	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
PAININ	Hexachlorocyclopentadiene	10/1/2013	UH57	ABKH	The duplicate sample is less than the MRL and the investigative sample is greater than twice the MRL
35514	Hexachlorocyclopentadiene	8/18/2014	UH57	ACKY	Both results are greater than the MRL; the duplicate sample is less than or equal to twice the MRL; the investigative sample is greater than twice the MRL; and the RPD is greater than the RPD upper limit
35512	Hexachlorocyclopentadiene	8/18/2014	UH57	ACKY	Both results are greater than the MRL; the duplicate sample is less than or equal to twice the MRL; the investigative sample is greater than twice the MRL; and the RPD is greater than the RPD upper limit

Exceedance

23198	Dieldrin	6/2/2014	UH57	ACEJ	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
37151	Dieldrin	12/19/2013	UH57	ABOB	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
37065	Diisopropyl methylphosphonate	12/12/2013	UM84	ABNU	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
37065	Fluoride	12/12/2013	3402	ABNL	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
37070	Fluoride	1/21/2014	3402	ABRH	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit

Table I-3: FY2014 Investigative/Duplicate Non-Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
LTMP Surface Water					
SW37001	Arsenic	6/30/2014	SB35	ACIE	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
North Boundary Containment System					
23200	Chloride	6/18/2014	3000	ACFX	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
24201	Chloroform	6/23/2014	UM85	ACGU	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
24126	Dieldrin	6/23/2014	UH57	ACGW	Both results are greater than the MRL; the investigative sample is less than or equal to twice the MRL; the duplicate is greater than twice the MRL; and the RPD is greater than the RPD upper limit
PNININ	Fluoride	10/2/2013	3402	ABKS	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
24201	Fluoride	6/23/2014	3402	ACHI	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
Northwest Boundary Containment System					
PWININ	Chloroform	1/8/2014	UM85	ABPJ	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
Off-Post Groundwater Intercept and Treatment System					
37805	Chloride	2/11/2014	3000	ABRU	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit

Table I-3: FY2014 Investigative/Duplicate Non-Comparable Results

Site ID	Analyte	Sample Date	Method Number	Lot	Justification
PPEFEF	Chloride	7/8/2014	3000	ACIH	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
37805	Sulfate	2/11/2014	3000	ABRU	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
PPEFEF	Sulfate	7/8/2014	3000	ACIH	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit

Water Quality Tracking

27091	Dieldrin	3/17/2014	UH57	ABVR	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
27083	Dieldrin	3/17/2014	UH57	ABVR	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
27083	Diisopropyl methylphosphonate	3/17/2014	UM84	ABUU	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
25059	Diisopropyl methylphosphonate	6/25/2014	UM84	ACHC	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
23095	Fluoride	6/4/2014	3402	ACEV	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit
23095	Sulfate	6/4/2014	3000	ACEI	Both results are greater than twice the MRL and the RPD exceeds the upper RPD limit

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
1,1,1-Trichloroethane			
Laboratory Control Spike		87.1%	112.9%
Matrix Spike	Basin A Neck System	64.2%	125.1%
1,1-Dichloroethane			
Laboratory Control Spike		89.8%	110.2%
Matrix Spike	Confined Flow System	78.7%	106.9%
1,1-Dichloroethylene			
Laboratory Control Spike		83.5%	116.5%
Matrix Spike	Basin A Neck System	62.3%	152.3%
1,2-Dichlorobenzene			
Laboratory Control Spike		83.9%	127.7%
Matrix Spike	Basin A Neck System	81.8%	123.5%
1,2-Dichloroethane			
Laboratory Control Spike		84.3%	122.1%
Matrix Spike	Basin A Neck System	71.2%	128.2%
Matrix Spike	Exceedance	68.7%	123.6%
Matrix Spike	North Boundary Containment System	77.8%	115.0%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	68.7%	123.6%
1,3-Dichlorobenzene			
Laboratory Control Spike		85.1%	122.3%
Matrix Spike	Basin A Neck System	80.5%	126.7%
Matrix Spike	Exceedance	79.8%	123.0%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	79.8%	123.0%
1,4-Dichlorobenzene			
Laboratory Control Spike		83.2%	121.6%
Matrix Spike	Basin A Neck System	83.3%	123.5%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
1,4-Dioxane			
Laboratory Control Spike		50.0%	110.0%
Matrix Spike	Basin A Neck System	49.8%	79.2%
Matrix Spike	Exceedance	61.3%	83.2%
Matrix Spike	LTMP Surface Water	64.8%	73.5%
Matrix Spike	North Boundary Containment System	52.7%	83.6%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	61.3%	83.2%
1,4-Oxathiane			
Laboratory Control Spike		44.4%	125.7%
Matrix Spike	Basin A Neck System	2.6%	157.4%
Matrix Spike	Exceedance	35.3%	68.0%
Matrix Spike	North Boundary Containment System	12.0%	83.1%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	35.3%	68.0%
Aldrin			
Laboratory Control Spike		47.2%	96.4%
Matrix Spike	Exceedance	49.4%	116.0%
Matrix Spike	LTMP Surface Water	28.5%	94.8%
Matrix Spike	North Boundary Containment System	49.5%	114.3%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	49.4%	116.0%
Matrix Spike	Water Quality Tracking	5.3%	159.7%
Alpha-Chlordane			
Matrix Spike	Exceedance	35.0%	125.9%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	35.0%	125.9%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Arsenic			
Laboratory Control Spike		90.6%	109.5%
Matrix Spike	Basin A Neck System	87.4%	129.1%
Matrix Spike	Exceedance	78.9%	118.2%
Matrix Spike	LTMP Surface Water	97.4%	115.1%
Matrix Spike	North Boundary Containment System	90.2%	111.2%
Matrix Spike	Northwest Boundary Containment System	81.8%	116.3%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	78.9%	118.2%
Matrix Spike	Water Quality Tracking	87.6%	101.0%
Atrazine			
Laboratory Control Spike		15.5%	127.4%
Matrix Spike	Basin A Neck System	55.1%	125.3%
Matrix Spike	Exceedance	35.6%	113.0%
Matrix Spike	North Boundary Containment System	33.2%	129.5%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	35.6%	113.0%
Benzene			
Laboratory Control Spike		87.5%	114.5%
Matrix Spike	Basin A Neck System	80.6%	131.0%
Matrix Spike	Confined Flow System	68.1%	117.0%
Matrix Spike	Exceedance	78.7%	124.9%
Matrix Spike	Groundwater Mass Removal	86.3%	92.0%
Matrix Spike	North Boundary Containment System	84.1%	123.1%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	78.7%	124.9%
Matrix Spike	Water Quality Tracking	73.5%	122.1%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Carbon tetrachloride			
Laboratory Control Spike		83.8%	116.2%
Matrix Spike	Basin A Neck System	57.3%	171.3%
Matrix Spike	Exceedance	48.9%	165.6%
Matrix Spike	North Boundary Containment System	53.2%	169.6%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	48.9%	165.6%
Matrix Spike	Water Quality Tracking	58.4%	125.4%
Chlorobenzene			
Laboratory Control Spike		85.1%	121.1%
Matrix Spike	Basin A Neck System	88.4%	122.0%
Matrix Spike	Confined Flow System	79.4%	115.1%
Matrix Spike	Exceedance	84.2%	120.2%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	84.2%	120.2%
Chloroform			
Laboratory Control Spike		87.3%	115.5%
Matrix Spike	Basin A Neck System	74.5%	133.9%
Matrix Spike	Exceedance	73.8%	130.8%
Matrix Spike	Groundwater Mass Removal	75.5%	96.5%
Matrix Spike	North Boundary Containment System	81.1%	123.4%
Matrix Spike	Northwest Boundary Containment System	73.7%	133.7%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	73.8%	130.8%
Matrix Spike	Water Quality Tracking	82.4%	114.8%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Chlorophenylmethyl sulfide			
Laboratory Control Spike		55.2%	94.8%
Matrix Spike	Basin A Neck System	20.0%	125.9%
Matrix Spike	Exceedance	38.6%	74.0%
Matrix Spike	North Boundary Containment System	10.7%	78.8%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	38.6%	74.0%
Chlorophenylmethyl sulfone			
Laboratory Control Spike		51.7%	103.9%
Matrix Spike	Basin A Neck System	0.0%	177.2%
Matrix Spike	Exceedance	28.1%	91.1%
Matrix Spike	North Boundary Containment System	0.0%	102.7%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	28.1%	91.1%
Chlorophenylmethyl sulfoxide			
Laboratory Control Spike		46.6%	113.5%
Matrix Spike	Basin A Neck System	0.0%	192.1%
Matrix Spike	Exceedance	24.8%	87.2%
Matrix Spike	North Boundary Containment System	0.0%	116.0%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	24.8%	87.2%
cis-1,2-Dichloroethylene			
Laboratory Control Spike		86.8%	115.6%
Matrix Spike	North Boundary Containment System	64.7%	130.1%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Dibromochloropropane			
Laboratory Control Spike		79.5%	142.5%
Matrix Spike	Exceedance	45.6%	128.1%
Matrix Spike	North Boundary Containment System	48.9%	119.1%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	45.6%	128.1%
Matrix Spike	Railyard Containment System	75.4%	124.9%
Matrix Spike	Water Quality Tracking	59.8%	136.6%
Dichlorodiphenyldichloroethene			
Laboratory Control Spike		62.8%	120.1%
Matrix Spike	Exceedance	16.9%	113.5%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	16.9%	113.5%
Matrix Spike	Water Quality Tracking	9.0%	159.2%
Dichlorodiphenyltrichloroethane			
Laboratory Control Spike		52.3%	110.8%
Matrix Spike	Basin A Neck System	0.0%	156.1%
Matrix Spike	Exceedance	22.5%	137.1%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	22.5%	137.1%
Matrix Spike	Water Quality Tracking	12.1%	161.1%
Dicyclopentadiene			
Laboratory Control Spike		81.7%	118.3%
Matrix Spike	Basin A Neck System	60.6%	146.4%
Matrix Spike	Exceedance	62.5%	141.1%
Matrix Spike	North Boundary Containment System	68.4%	146.4%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	62.5%	141.1%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Dieldrin			
Laboratory Control Spike		50.2%	111.7%
Matrix Spike	Basin A Neck System	9.7%	137.2%
Matrix Spike	Confined Flow System	11.4%	110.7%
Matrix Spike	Exceedance	30.8%	143.3%
Matrix Spike	LTMP Surface Water	46.0%	79.9%
Matrix Spike	North Boundary Containment System	48.8%	128.0%
Matrix Spike	Northwest Boundary Containment System	42.8%	125.3%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	30.8%	143.3%
Matrix Spike	Water Quality Tracking	0.0%	185.4%
Diisopropyl methylphosphonate			
Laboratory Control Spike		57.0%	117.0%
Matrix Spike	Basin A Neck System	65.1%	148.2%
Matrix Spike	Exceedance	67.1%	158.0%
Matrix Spike	LTMP Surface Water	47.0%	179.6%
Matrix Spike	North Boundary Containment System	80.7%	136.8%
Matrix Spike	Northwest Boundary Containment System	50.2%	143.2%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	67.1%	158.0%
Matrix Spike	Water Quality Tracking	0.0%	206.8%
Dithiane			
Laboratory Control Spike		57.4%	124.0%
Matrix Spike	Basin A Neck System	0.0%	197.6%
Matrix Spike	Exceedance	33.1%	85.3%
Matrix Spike	North Boundary Containment System	0.0%	108.3%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	33.1%	85.3%
Matrix Spike	Water Quality Tracking	55.5%	117.1%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Endrin			
Laboratory Control Spike		56.9%	114.8%
Matrix Spike	Basin A Neck System	13.2%	116.4%
Matrix Spike	Exceedance	38.0%	135.2%
Matrix Spike	North Boundary Containment System	19.6%	143.5%
Matrix Spike	Northwest Boundary Containment System	33.7%	123.1%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	38.0%	135.2%
Matrix Spike	Water Quality Tracking	0.0%	277.7%
Ethylbenzene			
Laboratory Control Spike		85.2%	117.6%
Matrix Spike	Exceedance	79.1%	121.7%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	79.1%	121.7%
Fluoride			
Laboratory Control Spike		90.7%	109.0%
Matrix Spike	Exceedance	86.1%	129.9%
Matrix Spike	North Boundary Containment System	85.8%	126.3%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	86.1%	129.9%
Matrix Spike	Water Quality Tracking	98.2%	113.8%
Gamma-Chlordane			
Laboratory Control Spike		56.1%	115.2%
Matrix Spike	Exceedance	26.9%	111.8%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	26.9%	111.8%
Matrix Spike	Water Quality Tracking	0.0%	190.4%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Hexachlorocyclopentadiene			
Laboratory Control Spike		22.0%	89.8%
Matrix Spike	Basin A Neck System	0.0%	145.6%
Matrix Spike	Exceedance	0.0%	94.7%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	0.0%	94.7%
Matrix Spike	Water Quality Tracking	0.8%	85.6%
Isodrin			
Laboratory Control Spike		56.9%	104.0%
Matrix Spike	Exceedance	7.4%	147.5%
Matrix Spike	North Boundary Containment System	0.0%	173.3%
Matrix Spike	Northwest Boundary Containment System	35.5%	124.9%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	7.4%	147.5%
Matrix Spike	Water Quality Tracking	0.0%	162.5%
Malathion			
Laboratory Control Spike		17.7%	131.7%
Matrix Spike	Exceedance	25.6%	108.4%
Matrix Spike	North Boundary Containment System	19.2%	152.1%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	25.6%	108.4%
Mercury			
Laboratory Control Spike		96.1%	103.9%
Matrix Spike	Basin A Neck System	70.6%	101.8%
Methylene chloride			
Laboratory Control Spike		86.8%	113.2%
Matrix Spike	North Boundary Containment System	6.6%	104.7%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
N-Nitrosodimethylamine			
Laboratory Control Spike		35.6%	89.3%
Matrix Spike	Basin A Neck System	46.7%	132.8%
Matrix Spike	Exceedance	43.6%	113.8%
Matrix Spike	LTMP Surface Water	70.0%	130.0%
Matrix Spike	North Boundary Containment System	44.3%	121.4%
Matrix Spike	Northwest Boundary Containment System	40.7%	116.0%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	43.6%	113.8%
Matrix Spike	Water Quality Tracking	11.0%	156.2%
Tetrachloroethylene			
Laboratory Control Spike		86.8%	113.2%
Matrix Spike	Basin A Neck System	77.2%	139.9%
Matrix Spike	Exceedance	81.6%	131.7%
Matrix Spike	North Boundary Containment System	81.4%	134.8%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	81.6%	131.7%
Matrix Spike	Water Quality Tracking	81.2%	131.8%
Toluene			
Laboratory Control Spike		86.4%	116.4%
Matrix Spike	Exceedance	75.1%	127.0%
Matrix Spike	North Boundary Containment System	77.5%	132.1%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	75.1%	127.0%
trans-1,2-Dichloroethylene			
Laboratory Control Spike		85.6%	118.0%
Matrix Spike	North Boundary Containment System	73.5%	121.8%

Table I-4: FY2014 Spike Recovery Evaluation Limits

Spike Type	Location	Lower Spike Recovery Evaluation Limit	Upper Spike Recovery Evaluation Limit
Trichloroethylene			
Laboratory Control Spike		88.0%	112.0%
Matrix Spike	Basin A Neck System	85.0%	136.6%
Matrix Spike	Exceedance	80.9%	130.7%
Matrix Spike	North Boundary Containment System	85.6%	128.8%
Matrix Spike	Northwest Boundary Containment System	78.0%	136.8%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	80.9%	130.7%
Matrix Spike	Railyard Containment System	102.3%	106.5%
Matrix Spike	Water Quality Tracking	83.2%	126.8%
Xylenes			
Laboratory Control Spike		89.0%	119.0%
Matrix Spike	Exceedance	81.9%	118.2%
Matrix Spike	North Boundary Containment System	84.6%	119.4%
Matrix Spike	Off-Post Groundwater Intercept and Treatment System	81.9%	118.2%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
All Locations					
1,1,1-Trichloroethane					
Laboratory Control Spike	UM85	ACCS	86.2%	87.1%	112.9%
Laboratory Control Spike	UM85	ACBG	87.0%	87.1%	112.9%
1,1-Dichloroethane					
Laboratory Control Spike	UM85	ABMS	87.0%	89.8%	110.2%
1,1-Dichloroethylene					
Laboratory Control Spike	UM85	ACBG	77.8%	83.5%	116.5%
Laboratory Control Spike	UM85	ACCM	78.6%	83.5%	116.5%
Laboratory Control Spike	UM85	ACKU	81.4%	83.5%	116.5%
Laboratory Control Spike	UM85	ACCQ	79.2%	83.5%	116.5%
Laboratory Control Spike	UM85	ACCV	79.2%	83.5%	116.5%
Laboratory Control Spike	UM85	ACCS	76.8%	83.5%	116.5%
Laboratory Control Spike	UM85	ABWB	80.4%	83.5%	116.5%
1,3-Dichlorobenzene					
Laboratory Control Spike	UM85	ACCS	84.0%	85.1%	122.3%
Aldrin					
Laboratory Control Spike	UH57	ABRD	45.4%	47.2%	96.4%
Arsenic					
Laboratory Control Spike	SB35	ABUK	110.0%	90.6%	109.5%
Laboratory Control Spike	SB35	ACEQ	111.0%	90.6%	109.5%
Laboratory Control Spike	SB35	ABUW	111.0%	90.6%	109.5%
Laboratory Control Spike	SB35	ACIE	111.0%	90.6%	109.5%
Laboratory Control Spike	SB35	ACGO	114.0%	90.6%	109.5%
Laboratory Control Spike	SB35	ACIQ	116.0%	90.6%	109.5%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
Benzene					
Laboratory Control Spike	UM85	ACGG	117.2%	87.5%	114.5%
Laboratory Control Spike	UM85	ACJS	118.0%	87.5%	114.5%
Laboratory Control Spike	UM85	ACGI	117.6%	87.5%	114.5%
Laboratory Control Spike	UM85	ACNA	87.2%	87.5%	114.5%
Laboratory Control Spike	UM85	ABMS	84.2%	87.5%	114.5%
Laboratory Control Spike	UM85	ABML	115.6%	87.5%	114.5%
Laboratory Control Spike	UM85	ABSQ	85.6%	87.5%	114.5%
Laboratory Control Spike	UM85	ACBG	87.4%	87.5%	114.5%
Carbon tetrachloride					
Laboratory Control Spike	UM85	ABWC	80.8%	83.8%	116.2%
Laboratory Control Spike	UM85	ACIU	117.6%	83.8%	116.2%
Laboratory Control Spike	UM85	ACCM	78.0%	83.8%	116.2%
Laboratory Control Spike	UM85	ACIG	123.0%	83.8%	116.2%
Laboratory Control Spike	UM85	ABMY	127.6%	83.8%	116.2%
Laboratory Control Spike	UM85	ACKX	123.0%	83.8%	116.2%
Laboratory Control Spike	UM85	ABSD	73.2%	83.8%	116.2%
Laboratory Control Spike	UM85	ACKM	133.8%	83.8%	116.2%
Laboratory Control Spike	UM85	ACKU	75.2%	83.8%	116.2%
Laboratory Control Spike	UM85	ABUA	83.4%	83.8%	116.2%
Laboratory Control Spike	UM85	ACBG	73.4%	83.8%	116.2%
Laboratory Control Spike	UM85	ACGG	118.8%	83.8%	116.2%
Laboratory Control Spike	UM85	ACEB	76.0%	83.8%	116.2%
Laboratory Control Spike	UM85	ACGI	119.2%	83.8%	116.2%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
Chloroform					
Laboratory Control Spike	UM85	ABUL	121.6%	87.3%	115.5%
Laboratory Control Spike	UM85	ACKA	85.2%	87.3%	115.5%
Laboratory Control Spike	UM85	ABOR	86.6%	87.3%	115.5%
Laboratory Control Spike	UM85	ACJS	117.2%	87.3%	115.5%
Laboratory Control Spike	UM85	ACOF	124.0%	87.3%	115.5%
Laboratory Control Spike	UM85	ABNK	87.0%	87.3%	115.5%
Laboratory Control Spike	UM85	ABSQ	87.2%	87.3%	115.5%
Chlorophenylmethyl sulfide					
Laboratory Control Spike	UL19	ACLP	99.4%	55.2%	94.8%
Laboratory Control Spike	UL19	ACIL	101.7%	55.2%	94.8%
Laboratory Control Spike	UL19	ABTB	99.7%	55.2%	94.8%
Laboratory Control Spike	UL19	ACGJ	98.1%	55.2%	94.8%
Laboratory Control Spike	UL19	ACFV	100.6%	55.2%	94.8%
Chlorophenylmethyl sulfone					
Laboratory Control Spike	UL19	ACFV	107.5%	51.7%	103.9%
Laboratory Control Spike	UL19	ACGJ	105.8%	51.7%	103.9%
Laboratory Control Spike	UL19	ACIL	120.0%	51.7%	103.9%
Laboratory Control Spike	UL19	ABTB	110.3%	51.7%	103.9%
Laboratory Control Spike	UL19	ACLP	110.8%	51.7%	103.9%
Chlorophenylmethyl sulfoxide					
Laboratory Control Spike	UL19	ACIL	121.3%	46.6%	113.5%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
cis-1,2-Dichloroethylene					
Laboratory Control Spike	UM85	ABQP	117.8%	86.8%	115.6%
Laboratory Control Spike	UM85	ACGH	125.8%	86.8%	115.6%
Laboratory Control Spike	UM85	ACGI	115.8%	86.8%	115.6%
Laboratory Control Spike	UM85	ABML	120.8%	86.8%	115.6%
Dichlorodiphenyltrichloroethane					
Laboratory Control Spike	UH57	ABSP	118.8%	52.3%	110.8%
Dicyclopentadiene					
Laboratory Control Spike	UM85	ABNA	119.4%	81.7%	118.3%
Laboratory Control Spike	UM85	ACGP	80.2%	81.7%	118.3%
Dieldrin					
Laboratory Control Spike	UH57	ABVR	114.0%	50.2%	111.7%
Diisopropyl methylphosphonate					
Laboratory Control Spike	UM84	ACED	118.4%	57.0%	117.0%
Laboratory Control Spike	UM84	ACFK	119.8%	57.0%	117.0%
Laboratory Control Spike	UM84	ACHY	123.0%	57.0%	117.0%
Laboratory Control Spike	UM84	ACIJ	126.4%	57.0%	117.0%
Laboratory Control Spike	UM84	ABXG	122.0%	57.0%	117.0%
Laboratory Control Spike	UM84	ABWJ	118.2%	57.0%	117.0%
Laboratory Control Spike	UM84	ACES	126.4%	57.0%	117.0%
Laboratory Control Spike	UM84	ABUT	10.0%	57.0%	117.0%
Laboratory Control Spike	UM84	ACKV	121.6%	57.0%	117.0%
Laboratory Control Spike	UM84	ACKT	118.6%	57.0%	117.0%
Endrin					
Laboratory Control Spike	UH57	ABVS	117.6%	56.9%	114.8%
Laboratory Control Spike	UH57	ABSP	115.4%	56.9%	114.8%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
Fluoride					
Laboratory Control Spike	3402	ABSH	109.2%	90.7%	109.0%
Hexachlorocyclopentadiene					
Laboratory Control Spike	UH57	ABKH	21.8%	22.0%	89.8%
Mercury					
Laboratory Control Spike	SB34	ACLB	104.4%	96.1%	103.9%
Laboratory Control Spike	SB34	ACMG	104.6%	96.1%	103.9%
Methylene chloride					
Laboratory Control Spike	UM85	ACJS	117.8%	86.8%	113.2%
Laboratory Control Spike	UM85	ABQP	81.2%	86.8%	113.2%
N-Nitrosodimethylamine					
Laboratory Control Spike	UM86	ACNT	96.4%	35.6%	89.3%
Laboratory Control Spike	UM86	ACKF	99.6%	35.6%	89.3%
Tetrachloroethylene					
Laboratory Control Spike	UM85	ACCS	83.8%	86.8%	113.2%
Laboratory Control Spike	UM85	ABSQ	84.4%	86.8%	113.2%
Laboratory Control Spike	UM85	ABNV	86.0%	86.8%	113.2%
Laboratory Control Spike	UM85	ACGI	119.4%	86.8%	113.2%
Laboratory Control Spike	UM85	ACJS	115.8%	86.8%	113.2%
Laboratory Control Spike	UM85	ACEB	86.4%	86.8%	113.2%
Laboratory Control Spike	UM85	ACLN	113.6%	86.8%	113.2%
Toluene					
Laboratory Control Spike	UM85	ABSQ	85.2%	86.4%	116.4%
Laboratory Control Spike	UM85	ACJS	118.0%	86.4%	116.4%
Laboratory Control Spike	UM85	ACEB	85.8%	86.4%	116.4%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
trans-1,2-Dichloroethylene					
Laboratory Control Spike	UM85	ABQP	67.6%	85.6%	118.0%
Laboratory Control Spike	UM85	ACGI	120.2%	85.6%	118.0%
Trichloroethylene					
Laboratory Control Spike	UM85	ACJS	117.6%	88.0%	112.0%
Laboratory Control Spike	UM85	ACGI	116.0%	88.0%	112.0%
Laboratory Control Spike	UM85	ACKA	83.0%	88.0%	112.0%
Laboratory Control Spike	UM85	ABML	117.6%	88.0%	112.0%
Laboratory Control Spike	UM85	ABNK	86.2%	88.0%	112.0%
Laboratory Control Spike	UM85	ABUL	120.4%	88.0%	112.0%
Laboratory Control Spike	UM85	ACGG	112.4%	88.0%	112.0%
Laboratory Control Spike	UM85	ABSQ	87.0%	88.0%	112.0%
Laboratory Control Spike	UM85	ACCS	87.2%	88.0%	112.0%
Xylenes					
Laboratory Control Spike	UM85	ABOR	87.1%	89.0%	119.0%
Laboratory Control Spike	UM85	ABSQ	86.0%	89.0%	119.0%
Laboratory Control Spike	UM85	ACEB	88.5%	89.0%	119.0%
Basin A Neck System					
1,4-Oxathiane					
Matrix Spike	UL19	ACLW	216.7%	2.6%	157.4%
Arsenic					
Matrix Spike	SB35	ACMR	87.0%	87.4%	129.1%
Atrazine					
Matrix Spike	UN56	ACIB	44.0%	55.1%	125.3%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
Benzene					
Matrix Spike	UM85	ACBG	80.4%	80.6%	131.0%
Chlorobenzene					
Matrix Spike	UM85	ABWB	124.0%	88.4%	122.0%
Dichlorodiphenyltrichloroethane					
Matrix Spike	UH57	ACLY	668.4%	0.0%	156.1%
Matrix Spike	UH57	ACKY	-73.8%	0.0%	156.1%
Dieldrin					
Matrix Spike	UH57	ACKY	1200.0%	9.7%	137.2%
Diisopropyl methylphosphonate					
Matrix Spike	UM84	ACKV	166.0%	65.1%	148.2%
Endrin					
Matrix Spike	UH57	ACLU	-288.0%	13.2%	116.4%
Matrix Spike	UH57	ACLY	331.2%	13.2%	116.4%
Matrix Spike	UH57	ACKY	130.0%	13.2%	116.4%
Hexachlorocyclopentadiene					
Matrix Spike	UH57	ABKH	168.0%	0.0%	145.6%
Mercury					
Matrix Spike	SB34	ACID	105.0%	70.6%	101.8%
Exceedance					
Dibromochloropropane					
Matrix Spike	UH58	ABTS	141.3%	45.6%	128.1%
Diisopropyl methylphosphonate					
Matrix Spike	UM84	ABNU	160.0%	67.1%	158.0%
Matrix Spike	UM84	ABOM	50.0%	67.1%	158.0%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
North Boundary Containment System					
1,4-Dioxane					
Matrix Spike	01UM	ABKK	51.6%	52.7%	83.6%
Aldrin					
Matrix Spike	UH57	ACGM	276.2%	49.5%	114.3%
Matrix Spike	UH57	ABOT	120.6%	49.5%	114.3%
Chlorophenylmethyl sulfide					
Matrix Spike	UL19	ACFV	82.2%	10.7%	78.8%
Chlorophenylmethyl sulfone					
Matrix Spike	UL19	ACFV	106.7%	0.0%	102.7%
cis-1,2-Dichloroethylene					
Matrix Spike	UM85	ACGP	58.2%	64.7%	130.1%
Dieldrin					
Matrix Spike	UH57	ACGM	478.0%	48.8%	128.0%
Matrix Spike	UH57	ABOT	44.0%	48.8%	128.0%
Diisopropyl methylphosphonate					
Matrix Spike	UM84	ABKJ	66.8%	80.7%	136.8%
Endrin					
Matrix Spike	UH57	ACGM	416.0%	19.6%	143.5%
Isodrin					
Matrix Spike	UH57	ABOT	-26.0%	0.0%	173.3%
Methylene chloride					
Matrix Spike	UM85	ACGH	3.6%	6.6%	104.7%
N-Nitrosodimethylamine					
Matrix Spike	UM86	ACKF	149.7%	44.3%	121.4%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
Toluene					
Matrix Spike	UM85	ACGP	76.6%	77.5%	132.1%
Northwest Boundary Containment System					
Arsenic					
Matrix Spike	SB35	ABUP	67.3%	81.8%	116.3%
Chloroform					
Matrix Spike	UM85	ABUM	36.0%	73.7%	133.7%
Dieldrin					
Matrix Spike	UH57	ABKI	128.6%	42.8%	125.3%
Matrix Spike	UH57	ABVD	187.4%	42.8%	125.3%
Diisopropyl methylphosphonate					
Matrix Spike	UM84	ABUT	1.2%	50.2%	143.2%
Endrin					
Matrix Spike	UH57	ABVD	129.4%	33.7%	123.1%
Isodrin					
Matrix Spike	UH57	ABVD	304.6%	35.5%	124.9%
Off-Post Groundwater Intercept and Treatment System					
1,3-Dichlorobenzene					
Matrix Spike	UM85	ACEA	78.8%	79.8%	123.0%
Matrix Spike	UM85	ABTI	76.6%	79.8%	123.0%
Benzene					
Matrix Spike	UM85	ABSD	75.8%	78.7%	124.9%
Matrix Spike	UM85	ABTI	75.2%	78.7%	124.9%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
Dibromochloropropane					
Matrix Spike	UH58	ABTF	135.4%	45.6%	128.1%
Dichlorodiphenyltrichloroethane					
Matrix Spike	UH57	ABNW	168.4%	22.5%	137.1%
Ethylbenzene					
Matrix Spike	UM85	ABTI	77.4%	79.1%	121.7%
Toluene					
Matrix Spike	UM85	ACII	71.2%	75.1%	127.0%
Matrix Spike	UM85	ABTI	72.8%	75.1%	127.0%
Matrix Spike	UM85	ACEA	74.0%	75.1%	127.0%
Railyard Containment System					
Dibromochloropropane					
Matrix Spike	UH58	ABKL	136.0%	75.4%	124.9%
Matrix Spike	UH58	ABLT	141.2%	75.4%	124.9%
Water Quality Tracking					
Benzene					
Matrix Spike	UM85	ACOE	128.8%	73.5%	122.1%
Chloroform					
Matrix Spike	UM85	ACNA	59.8%	82.4%	114.8%
Matrix Spike	UM85	ACOE	130.0%	82.4%	114.8%
Dieldrin					
Matrix Spike	UH57	ACER	-182.0%	0.0%	185.4%
Matrix Spike	UH59	ACOA	216.0%	0.0%	185.4%

Table I-5: FY2014 Spike Recovery Results Outside Evaluation Limits

Category	Method Number	Lot	Percent Recovery	Lower Limit	Upper Limit
Diisopropyl methylphosphonate					
Matrix Spike	UM84	ACES	-200.0%	0.0%	206.8%
N-Nitrosodimethylamine					
Matrix Spike	UM86	ACOD	-260.0%	11.0%	156.2%
Trichloroethylene					
Matrix Spike	UM85	ACOE	187.6%	83.2%	126.8%

Table I-6: FY2014 Analytical Lots with LCS and MS Recoveries Outside Evaluation Limits

Analyte		Recovery	Lower Evaluation Limit	Upper Evaluation Limit
Benzene	<u>Matrix Spike</u>	80.4%	50.2%	143.2%
<u>Lot:</u> ACBG	<u>Laboratory Control Spike</u>	87.4%	87.5%	114.5%
<u>Comments</u>	No analyst notes concerning benzene. Recoveries are very close to the lower limits, so no further action is required.			

Analyte		Recovery	Lower Evaluation Limit	Upper Evaluation Limit
Chlorophenylmethyl sulfide	<u>Matrix Spike</u>	82.2%	10.7%	78.8%
<u>Lot:</u> ACFV	<u>Laboratory Control Spike</u>	100.6%	55.2%	94.8%
<u>Comments</u>	Analyst notes the MS sample indicated CPMSO2 and CPMSO outside the acceptance criteria (high). No target compounds were detected in the samples and the LCS recoveries of all analytes were acceptable, high bias has no impact.			

Analyte		Recovery	Lower Evaluation Limit	Upper Evaluation Limit
Chlorophenylmethyl sulfone	<u>Matrix Spike</u>	106.7%	0.0%	102.7%
<u>Lot:</u> ACFV	<u>Laboratory Control Spike</u>	107.5%	51.7%	103.9%
<u>Comments</u>	Analyst notes the MS sample indicated CPMSO2 and CPMSO outside the acceptance criteria (high). No target compounds were detected in the samples and the LCS recoveries of all analytes were acceptable, high bias has no impact.			

Analyte		Recovery	Lower Evaluation Limit	Upper Evaluation Limit
Diisopropyl methylphosphonate	<u>Matrix Spike</u>	-200.0%	80.6%	131.0%
<u>Lot:</u> ACES	<u>Laboratory Control Spike</u>	57.0%	117.0%	126.4%
<u>Comments</u>	Qualify data from well 23095 (chem_rec_num 6662537), well 23095 duplicate (chem_rec_num 6662543), and the matrix spike for Lot ACES (chem_rec_num 6662540) with Z code due to low surrogate recoveries.			

Table I-6: FY2014 Analytical Lots with LCS and MS Recoveries Outside Evaluation Limits

Diisopropyl methylphosphonate	<u>Matrix Spike</u>	1.2%	50.2%	143.2%
<u>Lot:</u> ABUT	<u>Laboratory Control Spike</u>	10.0%	57.0%	117.0%
<u>Comments</u>	Affected samples (wells 27010, 22008, 22505, 22001, 27085, and 27043) re-sampled approximately one month after original sample collection. Reject this lot per ARDL recommendation			

Analyte		Recovery	Lower Evaluation Limit	Upper Evaluation Limit
Hexachlorocyclopentadiene	<u>Matrix Spike</u>	168.0%	0.0%	145.6%
<u>Lot:</u> ABKH	<u>Laboratory Control Spike</u>	21.8%	22.0%	89.8%
<u>Comments</u>	Chemist noted MS recovery outside of lab designated limits. Also noted spike blank recoveries were acceptable and no further analyses were performed.			

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Basin A Neck System				
1,1,1-Trichloroethane				
Laboratory Control Spike	UM85	86.2%	96.3%	110.2%
Matrix Spike	UM85	74.1%	82.5%	99.7%
1,1-Dichloroethylene				
Laboratory Control Spike	UM85	76.8%	90.1%	112.8%
Matrix Spike	UM85	64.4%	72.6%	88.8%
1,2-Dichlorobenzene				
Laboratory Control Spike	UM85	85.8%	97.9%	112.0%
Matrix Spike	UM85	87.8%	98.2%	119.0%
1,2-Dichloroethane				
Laboratory Control Spike	UM85	86.6%	100.8%	118.4%
Matrix Spike	UM85	78.8%	94.8%	112.8%
1,3-Dichlorobenzene				
Laboratory Control Spike	UM85	84.0%	97.3%	117.2%
Matrix Spike	UM85	85.6%	93.7%	112.8%
1,4-Dichlorobenzene				
Laboratory Control Spike	UM85	88.0%	97.7%	113.6%
Matrix Spike	UM85	89.2%	98.7%	119.4%
1,4-Oxathiane				
Laboratory Control Spike	UL19	74.2%	86.6%	99.2%
Matrix Spike	UL19	67.5%	109.1%	216.7%
Arsenic				
Laboratory Control Spike	7062	91.7%	100.3%	107.0%
Laboratory Control Spike	SB35	91.4%	105.6%	116.0%
Matrix Spike	SB35	87.0%	92.2%	96.1%
Matrix Spike	7062	103.5%	103.5%	103.5%
Atrazine				
Laboratory Control Spike	UN56	59.0%	82.6%	112.0%
Matrix Spike	UN56	44.0%	89.0%	108.0%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Benzene				
Laboratory Control Spike	UM85	84.2%	98.0%	118.0%
Matrix Spike	UM85	80.4%	92.3%	111.8%
Carbon tetrachloride				
Laboratory Control Spike	UM85	73.2%	98.0%	133.8%
Matrix Spike	UM85	59.3%	74.9%	95.1%
Chlorobenzene				
Laboratory Control Spike	UM85	85.6%	97.8%	117.4%
Matrix Spike	UM85	93.4%	104.7%	124.0%
Chloroform				
Laboratory Control Spike	UM85	85.2%	100.3%	124.0%
Matrix Spike	UM85	82.5%	95.5%	123.8%
Chlorophenylmethyl sulfide				
Laboratory Control Spike	UL19	72.2%	92.2%	101.7%
Matrix Spike	UL19	66.1%	75.2%	87.2%
Chlorophenylmethyl sulfone				
Laboratory Control Spike	UL19	77.8%	97.1%	120.0%
Matrix Spike	UL19	73.6%	88.7%	118.6%
Chlorophenylmethyl sulfoxide				
Laboratory Control Spike	UL19	77.9%	96.9%	121.3%
Matrix Spike	UL19	63.5%	75.9%	92.5%
Dichlorodiphenyltrichloroethane				
Laboratory Control Spike	UH57	76.2%	96.9%	118.8%
Matrix Spike	UH57	-73.8%	134.5%	668.4%
Dicyclopentadiene				
Laboratory Control Spike	UM85	80.2%	100.8%	119.4%
Matrix Spike	UM85	80.6%	93.0%	114.0%
Dieldrin				
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	56.4%	235.4%	#####

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Diisopropyl methylphosphonate				
Laboratory Control Spike	UM84	10.0%	104.6%	126.4%
Matrix Spike	UM84	96.8%	116.9%	166.0%
Dithiane				
Laboratory Control Spike	UL19	73.8%	90.8%	106.7%
Matrix Spike	UL19	0.0%	90.9%	149.3%
Endrin				
Laboratory Control Spike	UH57	75.4%	97.5%	117.6%
Matrix Spike	UH57	-288.0%	58.2%	331.2%
Fluoride				
Laboratory Control Spike	3402	91.4%	103.6%	109.2%
Matrix Spike	3402	104.0%	104.0%	104.0%
Hexachlorocyclopentadiene				
Laboratory Control Spike	UH57	21.8%	54.3%	87.2%
Matrix Spike	UH57	43.2%	85.4%	168.0%
Mercury				
Laboratory Control Spike	SB34	99.6%	102.2%	104.6%
Matrix Spike	SB34	82.0%	90.3%	105.0%
N-Nitrosodimethylamine				
Laboratory Control Spike	UM81	53.8%	71.9%	86.0%
Matrix Spike	UM81	85.1%	100.0%	116.9%
Tetrachloroethylene				
Laboratory Control Spike	UM85	83.8%	96.7%	119.4%
Matrix Spike	UM85	97.0%	105.4%	124.8%
Trichloroethylene				
Laboratory Control Spike	UM85	83.0%	98.6%	120.4%
Matrix Spike	UM85	89.6%	102.7%	118.4%
Confined Flow System				
1,1-Dichloroethane				
Laboratory Control Spike	UM85	87.0%	90.0%	93.0%
Matrix Spike	UM85	82.8%	89.9%	97.0%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Benzene				
Laboratory Control Spike	UM85	84.2%	98.0%	118.0%
Matrix Spike	UM85	82.2%	85.2%	88.2%
Chlorobenzene				
Laboratory Control Spike	UM85	85.6%	97.8%	117.4%
Matrix Spike	UM85	99.2%	101.1%	103.0%
Dieldrin				
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	50.6%	78.6%	106.6%
Exceedance				
1,2-Dichloroethane				
Laboratory Control Spike	UM85	86.6%	100.8%	118.4%
Matrix Spike	UM85	104.0%	105.1%	106.4%
1,3-Dichlorobenzene				
Laboratory Control Spike	UM85	84.0%	97.3%	117.2%
Matrix Spike	UM85	88.4%	95.8%	109.2%
Aldrin				
Laboratory Control Spike	UH57	45.4%	70.4%	88.4%
Matrix Spike	UH57	68.4%	75.6%	82.4%
Alpha-Chlordane				
Matrix Spike	UH57	57.8%	61.9%	64.8%
Arsenic				
Laboratory Control Spike	7062	91.7%	100.3%	107.0%
Laboratory Control Spike	SB35	91.4%	105.6%	116.0%
Matrix Spike	7062	90.0%	93.4%	96.8%
Matrix Spike	SB35	91.0%	91.0%	91.0%
Benzene				
Laboratory Control Spike	UM85	84.2%	98.0%	118.0%
Matrix Spike	UM85	83.6%	93.7%	105.8%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Carbon tetrachloride				
Laboratory Control Spike	UM85	73.2%	98.0%	133.8%
Matrix Spike	UM85	68.5%	78.7%	91.3%
Chlorobenzene				
Laboratory Control Spike	UM85	85.6%	97.8%	117.4%
Matrix Spike	UM85	97.0%	104.4%	117.4%
Chloroform				
Laboratory Control Spike	UM85	85.2%	100.3%	124.0%
Matrix Spike	UM85	83.2%	93.9%	104.2%
Dibromochloropropane				
Laboratory Control Spike	UH58	80.0%	109.6%	138.5%
Matrix Spike	UH58	80.0%	107.0%	141.3%
Dichlorodiphenyldichloroethene				
Laboratory Control Spike	UH57	80.4%	94.9%	107.2%
Matrix Spike	UH57	46.8%	62.7%	75.4%
Dichlorodiphenyltrichloroethane				
Laboratory Control Spike	UH57	76.2%	96.9%	118.8%
Matrix Spike	UH57	53.6%	77.2%	90.4%
Dicyclopentadiene				
Laboratory Control Spike	UM85	80.2%	100.8%	119.4%
Matrix Spike	UM85	83.0%	96.4%	110.5%
Dieldrin				
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	59.2%	73.3%	82.9%
Diisopropyl methylphosphonate				
Laboratory Control Spike	UM84	10.0%	104.6%	126.4%
Matrix Spike	UM84	50.0%	104.1%	160.0%
Endrin				
Laboratory Control Spike	UH57	75.4%	97.5%	117.6%
Matrix Spike	UH57	66.8%	71.1%	76.2%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Ethylbenzene				
Laboratory Control Spike	UM85	86.4%	96.8%	116.6%
Matrix Spike	UM85	86.2%	94.4%	105.4%
Fluoride				
Laboratory Control Spike	3402	91.4%	103.6%	109.2%
Matrix Spike	3402	90.0%	107.4%	118.0%
Gamma-Chlordane				
Laboratory Control Spike	UH57	71.4%	88.6%	106.4%
Matrix Spike	UH57	43.0%	63.1%	75.0%
Hexachlorocyclopentadiene				
Laboratory Control Spike	UH57	21.8%	54.3%	87.2%
Matrix Spike	UH57	1.6%	18.1%	28.4%
Isodrin				
Laboratory Control Spike	UH57	59.2%	78.6%	98.6%
Matrix Spike	UH57	47.6%	56.9%	69.6%
N-Nitrosodimethylamine				
Laboratory Control Spike	UM81	53.8%	71.9%	86.0%
Matrix Spike	UM81	64.3%	77.9%	97.9%
Tetrachloroethylene				
Laboratory Control Spike	UM85	83.8%	96.7%	119.4%
Matrix Spike	UM85	93.0%	103.9%	115.8%
Toluene				
Laboratory Control Spike	UM85	85.2%	97.7%	118.0%
Matrix Spike	UM85	82.0%	88.5%	98.8%
Trichloroethylene				
Laboratory Control Spike	UM85	83.0%	98.6%	120.4%
Matrix Spike	UM85	91.4%	103.8%	115.2%
Xylenes				
Laboratory Control Spike	UM85	86.0%	98.5%	119.0%
Matrix Spike	UM85	92.3%	99.7%	111.0%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Groundwater Mass Removal				
Benzene				
Laboratory Control Spike	UM85	84.2%	98.0%	118.0%
Matrix Spike	UM85	87.2%	87.2%	87.2%
Chloroform				
Laboratory Control Spike	UM85	85.2%	100.3%	124.0%
Matrix Spike	UM85	79.0%	79.0%	79.0%
LTMP Surface Water				
Dieldrin				
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	64.2%	64.2%	64.2%
North Boundary Containment System				
1,2-Dichloroethane				
Laboratory Control Spike	UM85	86.6%	100.8%	118.4%
Matrix Spike	UM85	88.2%	96.7%	105.2%
1,4-Dioxane				
Laboratory Control Spike	01UM	67.2%	72.4%	86.0%
Matrix Spike	01UM	51.6%	61.5%	67.6%
1,4-Oxathiane				
Laboratory Control Spike	UL19	74.2%	86.6%	99.2%
Matrix Spike	UL19	69.2%	74.3%	82.5%
Aldrin				
Laboratory Control Spike	UH57	45.4%	70.4%	88.4%
Matrix Spike	UH57	83.0%	123.1%	276.2%
Arsenic				
Laboratory Control Spike	SB35	91.4%	105.6%	116.0%
Laboratory Control Spike	7062	91.7%	100.3%	107.0%
Matrix Spike	SB35	99.0%	104.0%	109.0%
Matrix Spike	7062	100.7%	100.7%	100.7%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Atrazine				
Laboratory Control Spike	UN56	59.0%	82.6%	112.0%
Matrix Spike	UN56	64.2%	73.6%	87.2%
Benzene				
Laboratory Control Spike	UM85	84.2%	98.0%	118.0%
Matrix Spike	UM85	84.2%	96.3%	101.6%
Carbon tetrachloride				
Laboratory Control Spike	UM85	73.2%	98.0%	133.8%
Matrix Spike	UM85	62.5%	83.0%	110.8%
Chloroform				
Laboratory Control Spike	UM85	85.2%	100.3%	124.0%
Matrix Spike	UM85	88.8%	94.5%	101.6%
Chlorophenylmethyl sulfide				
Laboratory Control Spike	UL19	72.2%	92.2%	101.7%
Matrix Spike	UL19	70.3%	75.6%	82.2%
Chlorophenylmethyl sulfone				
Laboratory Control Spike	UL19	77.8%	97.1%	120.0%
Matrix Spike	UL19	78.9%	90.6%	106.7%
Chlorophenylmethyl sulfoxide				
Laboratory Control Spike	UL19	77.9%	96.9%	121.3%
Matrix Spike	UL19	78.1%	96.7%	109.0%
cis-1,2-Dichloroethylene				
Laboratory Control Spike	UM85	89.4%	104.9%	125.8%
Matrix Spike	UM85	58.2%	85.5%	107.6%
Dibromochloropropane				
Laboratory Control Spike	UH58	80.0%	109.6%	138.5%
Matrix Spike	UH58	84.5%	91.3%	99.7%
Dicyclopentadiene				
Laboratory Control Spike	UM85	80.2%	100.8%	119.4%
Matrix Spike	UM85	77.8%	90.4%	103.4%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Dieldrin				
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	44.0%	145.5%	478.0%
Diisopropyl methylphosphonate				
Laboratory Control Spike	UM84	10.0%	104.6%	126.4%
Matrix Spike	UM84	66.8%	102.9%	116.4%
Dithiane				
Laboratory Control Spike	UL19	73.8%	90.8%	106.7%
Matrix Spike	UL19	79.2%	84.4%	98.3%
Endrin				
Laboratory Control Spike	UH57	75.4%	97.5%	117.6%
Matrix Spike	UH57	66.0%	143.4%	416.0%
Fluoride				
Laboratory Control Spike	3402	91.4%	103.6%	109.2%
Matrix Spike	3402	96.0%	104.8%	117.0%
Isodrin				
Laboratory Control Spike	UH57	59.2%	78.6%	98.6%
Matrix Spike	UH57	-26.0%	50.6%	84.0%
Malathion				
Laboratory Control Spike	UN56	61.3%	79.5%	100.7%
Matrix Spike	UN56	42.6%	53.0%	60.7%
Methylene chloride				
Laboratory Control Spike	UM85	81.2%	101.1%	117.8%
Matrix Spike	UM85	3.6%	8.6%	13.4%
N-Nitrosodimethylamine				
Laboratory Control Spike	UM86	96.4%	98.0%	99.6%
Laboratory Control Spike	UM81	53.8%	71.9%	86.0%
Matrix Spike	UM81	49.5%	77.4%	96.1%
Matrix Spike	UM86	149.7%	149.7%	149.7%
Tetrachloroethylene				
Laboratory Control Spike	UM85	83.8%	96.7%	119.4%
Matrix Spike	UM85	92.2%	108.5%	122.3%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Toluene				
Laboratory Control Spike	UM85	85.2%	97.7%	118.0%
Matrix Spike	UM85	76.6%	90.8%	101.8%
trans-1,2-Dichloroethylene				
Laboratory Control Spike	UM85	67.6%	98.5%	120.2%
Matrix Spike	UM85	78.6%	91.7%	102.0%
Trichloroethylene				
Laboratory Control Spike	UM85	83.0%	98.6%	120.4%
Matrix Spike	UM85	91.6%	104.8%	115.4%
Xylenes				
Laboratory Control Spike	UM85	86.0%	98.5%	119.0%
Matrix Spike	UM85	88.9%	103.1%	114.0%
Northwest Boundary Containment System				
Arsenic				
Laboratory Control Spike	SB35	91.4%	105.6%	116.0%
Matrix Spike	SB35	67.3%	76.5%	85.7%
Chloroform				
Laboratory Control Spike	UM85	85.2%	100.3%	124.0%
Matrix Spike	UM85	36.0%	85.8%	109.6%
Dieldrin				
Laboratory Control Spike	UH59	86.4%	92.6%	98.8%
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	59.1%	88.8%	187.4%
Matrix Spike	UH59	102.4%	102.4%	102.4%
Diisopropyl methylphosphonate				
Laboratory Control Spike	UM84	10.0%	104.6%	126.4%
Matrix Spike	UM84	1.2%	64.2%	127.2%
Endrin				
Laboratory Control Spike	UH57	75.4%	97.5%	117.6%
Matrix Spike	UH57	55.7%	77.1%	129.4%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Isodrin				
Laboratory Control Spike	UH57	59.2%	78.6%	98.6%
Matrix Spike	UH57	43.6%	93.9%	304.6%
N-Nitrosodimethylamine				
Laboratory Control Spike	UM81	53.8%	71.9%	86.0%
Matrix Spike	UM81	58.3%	68.7%	77.7%
Trichloroethylene				
Laboratory Control Spike	UM85	83.0%	98.6%	120.4%
Matrix Spike	UM85	82.6%	98.9%	112.8%
Off-Post Groundwater Intercept and Treatment System				
1,2-Dichloroethane				
Laboratory Control Spike	UM85	86.6%	100.8%	118.4%
Matrix Spike	UM85	78.2%	90.2%	107.4%
1,3-Dichlorobenzene				
Laboratory Control Spike	UM85	84.0%	97.3%	117.2%
Matrix Spike	UM85	76.6%	91.0%	107.4%
1,4-Dioxane				
Laboratory Control Spike	01UM	67.2%	72.4%	86.0%
Matrix Spike	01UM	72.2%	77.1%	82.0%
Aldrin				
Laboratory Control Spike	UH57	45.4%	70.4%	88.4%
Matrix Spike	UH57	51.5%	76.9%	110.5%
Alpha-Chlordane				
Laboratory Control Spike	UH57	70.0%	81.6%	92.8%
Matrix Spike	UH57	44.1%	63.9%	96.4%
Arsenic				
Laboratory Control Spike	SB35	91.4%	105.6%	116.0%
Laboratory Control Spike	7062	91.7%	100.3%	107.0%
Matrix Spike	SB35	87.2%	97.9%	106.0%
Matrix Spike	7062	94.3%	99.0%	103.8%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Benzene				
Laboratory Control Spike	UM85	84.2%	98.0%	118.0%
Matrix Spike	UM85	75.2%	88.4%	107.4%
Carbon tetrachloride				
Laboratory Control Spike	UM85	73.2%	98.0%	133.8%
Matrix Spike	UM85	53.3%	75.6%	94.3%
Chlorobenzene				
Laboratory Control Spike	UM85	85.6%	97.8%	117.4%
Matrix Spike	UM85	85.8%	99.9%	115.2%
Chloroform				
Laboratory Control Spike	UM85	85.2%	100.3%	124.0%
Matrix Spike	UM85	75.4%	88.9%	109.4%
cis-1,2-Dichloroethylene				
Laboratory Control Spike	UM85	89.4%	104.9%	125.8%
Matrix Spike	UM85	72.2%	85.4%	115.2%
Dibromochloropropane				
Laboratory Control Spike	UH58	80.0%	109.6%	138.5%
Matrix Spike	UH58	72.5%	99.9%	135.4%
Dichlorodiphenyldichloroethene				
Laboratory Control Spike	UH57	80.4%	94.9%	107.2%
Matrix Spike	UH57	46.2%	66.0%	98.6%
Dichlorodiphenyltrichloroethane				
Laboratory Control Spike	UH57	76.2%	96.9%	118.8%
Matrix Spike	UH57	35.4%	76.3%	168.4%
Dicyclopentadiene				
Laboratory Control Spike	UM85	80.2%	100.8%	119.4%
Matrix Spike	UM85	75.4%	91.3%	105.2%
Dieldrin				
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	35.2%	71.9%	131.8%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Diisopropyl methylphosphonate				
Laboratory Control Spike	UM84	10.0%	104.6%	126.4%
Matrix Spike	UM84	76.0%	108.8%	126.6%
Endrin				
Laboratory Control Spike	UH57	75.4%	97.5%	117.6%
Matrix Spike	UH57	59.4%	78.9%	134.6%
Ethylbenzene				
Laboratory Control Spike	UM85	86.4%	96.8%	116.6%
Matrix Spike	UM85	77.4%	90.4%	105.6%
Fluoride				
Laboratory Control Spike	3402	91.4%	103.6%	109.2%
Matrix Spike	3402	108.0%	113.6%	119.2%
Gamma-Chlordane				
Laboratory Control Spike	UH57	71.4%	88.6%	106.4%
Matrix Spike	UH57	33.7%	58.5%	106.6%
Hexachlorocyclopentadiene				
Laboratory Control Spike	UH57	21.8%	54.3%	87.2%
Matrix Spike	UH57	6.4%	41.1%	67.4%
Isodrin				
Laboratory Control Spike	UH57	59.2%	78.6%	98.6%
Matrix Spike	UH57	35.0%	58.8%	121.8%
Methylene chloride				
Laboratory Control Spike	UM85	81.2%	101.1%	117.8%
Matrix Spike	UM85	2.0%	17.3%	30.2%
N-Nitrosodimethylamine				
Laboratory Control Spike	UM81	53.8%	71.9%	86.0%
Matrix Spike	UM81	61.9%	70.5%	81.3%
Tetrachloroethylene				
Laboratory Control Spike	UM85	83.8%	96.7%	119.4%
Matrix Spike	UM85	86.6%	101.7%	121.2%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Toluene				
Laboratory Control Spike	UM85	85.2%	97.7%	118.0%
Matrix Spike	UM85	71.2%	84.7%	100.2%
trans-1,2-Dichloroethylene				
Laboratory Control Spike	UM85	67.6%	98.5%	120.2%
Matrix Spike	UM85	73.0%	85.6%	98.4%
Trichloroethylene				
Laboratory Control Spike	UM85	83.0%	98.6%	120.4%
Matrix Spike	UM85	81.6%	96.8%	121.0%
Xylenes				
Laboratory Control Spike	UM85	86.0%	98.5%	119.0%
Matrix Spike	UM85	83.2%	96.4%	113.0%
Railyard Containment System				
Dibromochloropropane				
Laboratory Control Spike	UH58	80.0%	109.6%	138.5%
Matrix Spike	UH58	81.2%	111.2%	141.2%
Water Quality Tracking				
Aldrin				
Laboratory Control Spike	UH57	45.4%	70.4%	88.4%
Laboratory Control Spike	UH59	71.0%	71.0%	71.0%
Matrix Spike	UH59	64.6%	64.6%	64.6%
Matrix Spike	UH57	121.5%	121.5%	121.5%
Benzene				
Laboratory Control Spike	UM85	84.2%	98.0%	118.0%
Matrix Spike	UM85	81.2%	108.7%	128.8%
Chloroform				
Laboratory Control Spike	UM85	85.2%	100.3%	124.0%
Matrix Spike	UM85	59.8%	95.1%	130.0%
Dibromochloropropane				
Laboratory Control Spike	UH58	80.0%	109.6%	138.5%
Matrix Spike	UH58	96.4%	96.4%	96.4%

Table I-7: FY2014 Spike Recovery Summary

	Method Number	Minimum Percent Recovery	Average Percent Recovery	Maximum Percent Recovery
Dieldrin				
Laboratory Control Spike	UH59	86.4%	92.6%	98.8%
Laboratory Control Spike	UH57	75.8%	91.9%	114.0%
Matrix Spike	UH57	-182.0%	18.2%	112.6%
Matrix Spike	UH59	74.7%	145.4%	216.0%
Diisopropyl methylphosphonate				
Laboratory Control Spike	UM84	10.0%	104.6%	126.4%
Matrix Spike	UM84	-200.0%	-63.0%	74.0%
Dithiane				
Laboratory Control Spike	UL19	73.8%	90.8%	106.7%
Matrix Spike	UL19	103.3%	103.3%	103.3%
N-Nitrosodimethylamine				
Laboratory Control Spike	UM86	96.4%	98.0%	99.6%
Laboratory Control Spike	UM81	53.8%	71.9%	86.0%
Matrix Spike	UM81	112.0%	112.0%	112.0%
Matrix Spike	UM86	-260.0%	-56.5%	147.0%
Trichloroethylene				
Laboratory Control Spike	UM85	83.0%	98.6%	120.4%
Matrix Spike	UM85	116.6%	152.1%	187.6%

Table I-8: FY2014 Rejected Samples

Site ID	PPEFEF	Analyte	AS	Sample Date	1/8/2014
Value	2.47 UGL	Method Number	7062	Lot	ABQB
Comment	Unknown source of arsenic contamination in sample				

Site ID	22001	Analyte	DIMP	Sample Date	3/12/2014
Value	2.35 UGL	Method Number	UM84	Lot	ABUT
Comment	No method target analytes present in the LCS or matrix spike.				

Site ID	22008	Analyte	DIMP	Sample Date	3/11/2014
Value	2.89 UGL	Method Number	UM84	Lot	ABUT
Comment	No method target analytes present in the LCS or matrix spike.				

Table I-9: FY2014 Method Blank Detections above the Method Reporting Limit

Analyte	Analysis Date	Method Number	Lot	Evaluation Result
n-Nitrosdimethylamine	9/4/2014	UM86	ACME	Investigative values assigned B qualifier
n-Nitrosdimethylamine	8/12/2014	UM86	ACKF	Investigative values above the MRL assigned a B qualifier

Table I-10: FY2014 Field Blank Detections above the Method Reporting Limit

Site ID	Analyte	Sample Date	Method Number	Lot	Evaluation Result
Northwest Boundary Containment System					
22512	n-Nitrosodimethylamine	3/12/2014	UM81	ABUR	No action required. Investigative value is below the MRL.

Table I-11: FY2014 Rinse Blank Detections above the Method Reporting Limit

Site ID	Analyte	Sample Date	Method Number	Lot	Evaluation Result
Exceedance					
37027	Fluoride	2/20/2014	3402	ABTH	No action required. Investigative value is greater than blank value.
37065	Fluoride	12/12/2013	3402	ABNL	No action required. Investigative value is greater than blank value.
North Boundary Containment System					
23160	Endrin	6/26/2014	UH57	ACHG	No action required. Investigative value is greater than blank value.
23160	Dieldrin	6/26/2014	UH57	ACHG	No action required. Investigative value is greater than blank value.
23119	Dieldrin	6/19/2014	UH57	ACGM	No action required. Investigative value is greater than blank value.
Water Quality Tracking					
23095	Dieldrin	6/4/2014	UH57	ACER	No action required. Investigative value is greater than blank value.
27083	Dieldrin	3/17/2014	UH57	ABVR	No action required. Investigative value is greater than blank value.
22001	Dieldrin	3/12/2014	UH57	ABVO	No action required. Investigative value is greater than blank value.

Table I-12: FY2014 Trip Blank Detections above the Method Reporting Limit

Site ID	Analyte	Sample Date	Method Number	Lot	Evaluation Result
<hr/> Off-Post Groundwater Intercept and Treatment System <hr/>					
37494	Toluene	8/14/2014	UM85	ACKR	No action required. Investigative value is below the MRL.

Table I-13: FY2014 Statistical Outliers

Site ID	Analyte	Sample Date	2014 Value	Data Qualification	Justification
Basin A Neck System					
36236	Benzene	12/3/2013	63,800	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
36247	Chlorobenzene	12/2/2013	23,000	<input type="checkbox"/>	Insufficient amount of comparable historical data to qualify.
36241	Benzene	5/14/2014	42,100	<input type="checkbox"/>	Dixon outlier. Recent values are increasing, no qualification until possible trend determined.
26505	Diisopropyl methylphosphonate	8/18/2014	19.2	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
PADW1-7	1,2-Dichloroethane	7/1/2014	8.4	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
PAININ	Chlorophenylmethyl sulfoxide	4/1/2014	29.1	<input type="checkbox"/>	Possibly related to Lime Basins influent included in BANS influent. No qualification warranted.
PAININ	Dieldrin	4/1/2014	1.38	<input type="checkbox"/>	Possibly related to Lime Basins influent included in BANS influent. No qualification warranted.
36578	Tetrachloroethylene	8/19/2014	107	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
36236	Chlorobenzene	12/3/2013	13,400	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
36236	1,4 Dichlorobenzene	12/3/2013	15,200	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
36236	1,2 Dichlorobenzene	12/3/2013	19,300	<input type="checkbox"/>	Dixon outlier. Possible increasing trend, so no qualification.
36235	1,2 Dichlorobenzene	5/12/2014	8,720	<input checked="" type="checkbox"/>	Dixon outlier (low). Qualify with Z flag.

Units = ug/L

Table I-13: FY2014 Statistical Outliers

Site ID	Analyte	Sample Date	2014 Value	Data Qualification	Justification
36235	1,4 Dichlorobenzene	5/12/2014	6,280	<input checked="" type="checkbox"/>	Dixon outlier (low). Qualify with Z flag.
36232	Chlorobenzene	5/12/2014	61,500	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
36232	Chloroform	5/12/2014	23,200	<input checked="" type="checkbox"/>	Dixon outlier (low). Qualify with Z flag.
35514	Chlorophenylmethyl sulfoxide	8/18/2014	49.8	<input type="checkbox"/>	Dixon outlier; value is from a duplicate sample. Identified in duplicate summary.

Confined Flow System

01067	Chloride	11/20/2013	33,400	<input type="checkbox"/>	Previous samples filtered. Possible explanation for increase
-------	----------	------------	--------	--------------------------	--

Exceedance

37374	Fluoride	2/18/2014	1,490	<input type="checkbox"/>	Insufficient amount of comparable historical data to qualify.
37320	Dieldrin	12/19/2013	0.0476	<input checked="" type="checkbox"/>	Dixon outlier (low). Qualify with Z flag.
37150	Carbon Tetrachloride	12/19/2013	LT 0.263	<input type="checkbox"/>	Possible decreasing trend. Insufficient amount of comparable historical data to qualify.

North Boundary Containment System

23434	Chloride	6/10/2014	1,910,000	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
23436	Chloride	6/10/2014	1,250,000	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
23438	Chloride	6/10/2014	448,000	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.

Units = ug/L

Table I-13: FY2014 Statistical Outliers

Site ID	Analyte	Sample Date	2014 Value	Data Qualification	Justification
23542	Chloride	6/18/2014	186,000	<input type="checkbox"/>	Insufficient amount of comparable historical data to qualify.
23194	Chloroform	6/18/2014	0.804	<input type="checkbox"/>	Insufficient amount of comparable historical data to qualify.
Northwest Boundary Containment System					
22081	Dieldrin	3/19/2014	1.67	<input type="checkbox"/>	Insufficient amount of comparable historical data to qualify.
27010	Chloroform	3/10/2014	1.63	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
Off-Post Groundwater Intercept and Treatment System					
PPINFC	Sulfate	7/8/2014	535,000	<input type="checkbox"/>	Insufficient amount of comparable historical data to qualify.
Water Quality Tracking					
36594	Dieldrin	8/20/2014	0.228	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
34020	Dieldrin	3/25/2014	0.327	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
23548	Dieldrin	6/5/2014	0.772	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
24094	Chloroform	6/9/2014	LT 0.2	<input checked="" type="checkbox"/>	Dixon outlier. Qualify with Z flag.
27082	Chloroform	3/17/2014	0.205	<input type="checkbox"/>	Insufficient amount of comparable historical data to qualify.

Units = ug/L

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
<i>Values Showing a Decreasing Trend</i>			
Basin A Neck System			
PAININ	1,1-Dichloroethylene	1725	0.9%
36320	1,2-Dichlorobenzene	17	0.0%
36315	1,2-Dichlorobenzene	16	0.0%
35305	1,2-Dichlorobenzene	16	31.3%
35505	1,2-Dichlorobenzene	16	31.3%
35304	1,2-Dichloroethane	11	0.0%
35301	1,2-Dichloroethane	16	6.3%
36567	1,2-Dichloroethane	5	0.0%
35505	1,4-Dichlorobenzene	16	31.3%
26307	1,4-Dichlorobenzene	5	0.0%
35305	1,4-Dichlorobenzene	16	31.3%
36246	1,4-Dichlorobenzene	4	25.0%
35304	1,4-Dichlorobenzene	16	31.3%
35304	1,4-Oxathiane	11	0.0%
36320	Arsenic	5	0.0%
35516	Arsenic	5	0.0%
PAININ	Arsenic	31	0.0%
35304	Arsenic	11	0.0%
PACPIN	Arsenic	72	0.0%
36232	Benzene	13	0.0%
36235	Benzene	14	0.0%
36237	Benzene	7	0.0%
PADW1-7	Benzene	5	40.0%
35304	Benzene	11	45.5%
36319	Benzene	15	0.0%
35302	Benzene	6	0.0%
26307	Benzene	5	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
36231	Benzene	13	7.7%
35304	Chlorobenzene	11	0.0%
36242	Chlorobenzene	4	0.0%
26507	Chloroform	6	0.0%
35301	Chloroform	16	43.8%
36231	Chloroform	13	0.0%
PAININ	Chloroform	1725	0.0%
36232	Chloroform	13	0.0%
36236	Chloroform	14	7.1%
36305	Chloroform	10	0.0%
35516	Chloroform	5	0.0%
PAININ	Chlorophenylmethyl sulfone	27	0.0%
35305	Chlorophenylmethyl sulfone	10	0.0%
35301	Chlorophenylmethyl sulfone	16	0.0%
35304	Chlorophenylmethyl sulfone	11	0.0%
35505	Chlorophenylmethyl sulfone	10	0.0%
35301	Dichlorodiphenyltrichloroethane	16	6.3%
35301	Dichlorodiphenyltrichloroethane	16	6.3%
35304	Dichlorodiphenyltrichloroethane	11	9.1%
35525	Dichlorodiphenyltrichloroethane	5	20.0%
35305	Dichlorodiphenyltrichloroethane	10	10.0%
35505	Dichlorodiphenyltrichloroethane	10	10.0%
35512	Dichlorodiphenyltrichloroethane	6	0.0%
PAININ	Dichlorodiphenyltrichloroethane	27	33.3%
35304	Dicyclopentadiene	11	36.4%
35505	Dicyclopentadiene	11	36.4%
35305	Dicyclopentadiene	11	36.4%
36235	Dicyclopentadiene	14	7.1%
PAININ	Dicyclopentadiene	1725	0.9%
35302	Dicyclopentadiene	6	50.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
35516	Dieldrin	5	0.0%
26501	Dieldrin	5	40.0%
PAININ	Dieldrin	27	0.0%
35301	Diisopropyl methylphosphonate	16	0.0%
35304	Diisopropyl methylphosphonate	10	0.0%
35306	Diisopropyl methylphosphonate	10	0.0%
35302	Diisopropyl methylphosphonate	5	0.0%
35525	Diisopropyl methylphosphonate	5	0.0%
PA36IN	Diisopropyl methylphosphonate	5	0.0%
35505	Diisopropyl methylphosphonate	10	0.0%
36566	Diisopropyl methylphosphonate	5	0.0%
36305	Diisopropyl methylphosphonate	5	0.0%
35305	Diisopropyl methylphosphonate	10	0.0%
35304	Dithiane	11	0.0%
PAININ	Dithiane	27	0.0%
35306	Dithiane	10	0.0%
36305	Endrin	7	57.1%
PA36IN	Hexachlorocyclopentadiene	5	20.0%
PAININ	Hexachlorocyclopentadiene	31	38.7%
PAININ	n-Nitrosodimethylamine	30	30.0%
PAININ	Sulfate	9	0.0%
35525	Tetrachloroethylene	5	0.0%
35304	Tetrachloroethylene	11	0.0%
36571	Tetrachloroethylene	5	0.0%
PAININ	Tetrachloroethylene	1725	0.0%
26307	Trichloroethylene	5	0.0%
35516	Trichloroethylene	5	0.0%
26507	Trichloroethylene	6	0.0%
PAININ	Trichloroethylene	1725	0.0%
PA36IN	Trichloroethylene	5	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
35304	Trichloroethylene	11	0.0%
35525	Trichloroethylene	5	0.0%
Confined Flow System			
36183	Chloride	5	0.0%
35068	Chloride	4	0.0%
Exceedance			
37065	1,2-Dichloroethane	13	0.0%
37151	Chloride	6	0.0%
37374	Chloride	7	0.0%
37065	Dicyclopentadiene	13	0.0%
37328	Dicyclopentadiene	5	0.0%
37081	Dieldrin	4	0.0%
37151	Dieldrin	6	0.0%
37378	Dieldrin	5	0.0%
37126	Dieldrin	4	50.0%
37328	Dieldrin	6	0.0%
37320	Diisopropyl methylphosphonate	5	0.0%
37080	Diisopropyl methylphosphonate	7	0.0%
37151	Diisopropyl methylphosphonate	6	0.0%
37070	Diisopropyl methylphosphonate	7	0.0%
37429	Diisopropyl methylphosphonate	7	14.3%
37428	Diisopropyl methylphosphonate	4	0.0%
37407	Diisopropyl methylphosphonate	7	14.3%
37374	Diisopropyl methylphosphonate	7	0.0%
37041	Diisopropyl methylphosphonate	8	0.0%
24162	Diisopropyl methylphosphonate	10	30.0%
37379	Diisopropyl methylphosphonate	4	0.0%
37065	Diisopropyl methylphosphonate	14	0.0%
37338	Fluoride	9	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
37379	Sulfate	4	0.0%
37065	Tetrachloroethylene	13	0.0%
37328	Tetrachloroethylene	5	0.0%
37065	Trichloroethylene	13	0.0%
Motor Pool System/Irondale Containment System			
04535	Trichloroethylene	32	0.0%
North Boundary Containment System			
23325	1,2-Dichloroethane	7	0.0%
PNININ	Carbon Tetrachloride	94	1.1%
PNININ	Chloroform	94	1.1%
24201	Chloroform	11	0.0%
24006	Dicyclopentadiene	15	0.0%
PNININ	Dicyclopentadiene	94	0.0%
24201	Dicyclopentadiene	11	18.2%
24101	Dieldrin	5	0.0%
23405	Dieldrin	5	0.0%
24101	Dieldrin	5	0.0%
24201	Dieldrin	11	0.0%
24006	Diisopropyl methylphosphonate	15	6.7%
24114	Diisopropyl methylphosphonate	5	0.0%
24101	Diisopropyl methylphosphonate	5	0.0%
PNININ	Diisopropyl methylphosphonate	198	0.0%
23211	Diisopropyl methylphosphonate	6	0.0%
23160	Diisopropyl methylphosphonate	5	0.0%
24191	Diisopropyl methylphosphonate	7	0.0%
23119	Diisopropyl methylphosphonate	6	0.0%
24201	Diisopropyl methylphosphonate	9	0.0%
23325	Diisopropyl methylphosphonate	8	0.0%
24101	Isodrin	5	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
24201	n-Nitrosodimethylamine	9	0.0%
23200	n-Nitrosodimethylamine	5	20.0%
24101	n-Nitrosodimethylamine	6	0.0%
PNININ	n-Nitrosodimethylamine	65	13.9%
24191	Sulfate	7	0.0%
24006	Tetrachloroethylene	15	6.7%
PNININ	Tetrachloroethylene	94	0.0%
23119	Tetrachloroethylene	6	0.0%
24201	Trichloroethylene	11	0.0%
PNININ	Trichloroethylene	94	46.8%
Northwest Boundary Containment System			
37331	Chloroform	10	0.0%
37330	Chloroform	10	0.0%
PWEFEF	Chloroform	40	0.0%
37600	Chloroform	16	0.0%
37332	Chloroform	10	0.0%
22081	Chloroform	5	0.0%
37333	Chloroform	10	0.0%
22008	Chloroform	9	0.0%
22008	Dieldrin	10	0.0%
22512	Dieldrin	56	53.6%
27010	Dieldrin	5	40.0%
22015	Dieldrin	11	54.6%
27500	Diisopropyl methylphosphonate	52	34.6%
22053	Isodrin	5	0.0%
22008	Isodrin	10	0.0%
22505	Isodrin	6	0.0%
22008	n-Nitrosodimethylamine	9	22.2%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
Off-Post Groundwater Intercept and Treatment System			
37083	1,2-Dichloroethane	8	12.5%
37076	1,2-Dichloroethane	7	14.3%
37808	Arsenic	10	10.0%
37464	Arsenic	39	0.0%
37094	Carbon Tetrachloride	9	33.3%
37822	Carbon Tetrachloride	10	30.0%
37815	Chloride	10	0.0%
37810	Chloride	10	0.0%
37074	Chloride	7	0.0%
37809	Chloride	10	0.0%
37802	Chloride	11	0.0%
37818	Chloride	6	0.0%
PPININ	Chloride	41	0.0%
PPEFEF	Chloride	31	0.0%
37816	Chloride	10	0.0%
EPA-4	Chloroform	5	20.0%
37822	Chloroform	10	0.0%
37817	Chloroform	11	0.0%
37816	Chloroform	30	0.0%
37496	Chloroform	27	22.2%
37463	Chloroform	33	0.0%
37404	Chloroform	11	27.3%
37368	Chloroform	31	0.0%
37102	Chloroform	29	0.0%
37094	Chloroform	9	11.1%
37095	Chloroform	15	6.7%
37009	Chloroform	14	42.9%
37013	Chloroform	15	6.7%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
37027	Chloroform	14	14.3%
37035	Chloroform	11	0.0%
PPININ	Chloroform	58	1.7%
37035	Dibromochloropropane	17	47.1%
37817	Dibromochloropropane	17	47.1%
37083	Dicyclopentadiene	8	0.0%
37084	Dicyclopentadiene	10	10.0%
37802	Dicyclopentadiene	12	0.0%
37076	Dicyclopentadiene	7	0.0%
PPINFC	Dicyclopentadiene	5	0.0%
PPININ	Dicyclopentadiene	58	19.0%
37818	Dieldrin	9	0.0%
37084	Dieldrin	7	42.9%
37464	Dieldrin	38	2.6%
37110	Diisopropyl methylphosphonate	10	10.0%
37801	Diisopropyl methylphosphonate	46	17.4%
37800	Diisopropyl methylphosphonate	42	19.1%
37821	Diisopropyl methylphosphonate	9	0.0%
37496	Diisopropyl methylphosphonate	26	46.2%
37802	Diisopropyl methylphosphonate	13	0.0%
PPININ	Diisopropyl methylphosphonate	235	0.0%
37404	Diisopropyl methylphosphonate	11	18.2%
37822	Diisopropyl methylphosphonate	10	10.0%
37343	Diisopropyl methylphosphonate	10	30.0%
37009	Diisopropyl methylphosphonate	13	7.7%
37094	Diisopropyl methylphosphonate	9	11.1%
37084	Diisopropyl methylphosphonate	10	0.0%
PPEFEF	Diisopropyl methylphosphonate	67	41.8%
37012	Diisopropyl methylphosphonate	10	0.0%
37808	Diisopropyl methylphosphonate	33	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
37818	Diisopropyl methylphosphonate	8	0.0%
37810	Diisopropyl methylphosphonate	11	0.0%
37805	Diisopropyl methylphosphonate	31	25.8%
37038	Diisopropyl methylphosphonate	30	23.3%
37076	Diisopropyl methylphosphonate	7	0.0%
37037	Diisopropyl methylphosphonate	30	0.0%
37807	Diisopropyl methylphosphonate	30	16.7%
37806	Diisopropyl methylphosphonate	31	25.8%
37819	Diisopropyl methylphosphonate	9	11.1%
37820	Diisopropyl methylphosphonate	10	0.0%
37074	Diisopropyl methylphosphonate	7	0.0%
37818	Endrin	9	22.2%
37083	Fluoride	8	0.0%
37802	Fluoride	14	0.0%
37008	Fluoride	7	0.0%
37094	Sulfate	7	0.0%
37821	Sulfate	6	0.0%
37822	Sulfate	6	0.0%
37395	Sulfate	8	0.0%
EPA-4	Sulfate	5	0.0%
PPINNP	Sulfate	5	0.0%
37074	Sulfate	7	0.0%
37816	Sulfate	10	0.0%
37084	Tetrachloroethylene	10	30.0%
37076	Tetrachloroethylene	7	0.0%
37802	Tetrachloroethylene	12	41.7%
37095	Tetrachloroethylene	15	0.0%
37083	Tetrachloroethylene	8	0.0%
37102	Tetrachloroethylene	29	0.0%
37013	Tetrachloroethylene	15	46.7%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
37463	Tetrachloroethylene	33	0.0%
PPININ	Tetrachloroethylene	58	3.5%
37076	Trichloroethylene	7	14.3%
37084	Trichloroethylene	10	40.0%
37095	Trichloroethylene	15	46.7%
Railyard Containment System			
03523	Dibromochloropropane	44	38.6%
03503	Dibromochloropropane	41	0.0%
PR303IN	Dibromochloropropane	61	29.5%
Surface Water			
SW37001	Diisopropyl methylphosphonate	23	13.0%
Water Quality Tracking			
36210	Arsenic	7	0.0%
36210	Benzene	7	0.0%
01312	Benzene	14	0.0%
24094	Carbon Tetrachloride	4	0.0%
36210	Chloride	4	0.0%
27025	Chloroform	4	0.0%
36594	Chloroform	5	0.0%
02505	Chloroform	5	0.0%
23548	Chloroform	12	8.3%
36630	Chloroform	4	0.0%
23096	Chloroform	4	0.0%
25502	Chloroform	4	0.0%
23142	Dieldrin	4	0.0%
02034	Dieldrin	4	0.0%
36632	Dieldrin	7	0.0%
01078	Dieldrin	5	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
23095	Dieldrin	6	0.0%
03016	Dieldrin	4	0.0%
25502	Diisopropyl methylphosphonate	4	0.0%
26006	Diisopropyl methylphosphonate	6	0.0%
23096	Diisopropyl methylphosphonate	4	0.0%
26006	Dithiane	6	0.0%
23095	n-Nitrosodimethylamine	6	0.0%
25502	Tetrachloroethylene	4	0.0%
36552	Trichloroethylene	4	0.0%

Values Showing an Increasing Trend

Basin A Neck System

36305	1,1-Dichloroethylene	10	50.0%
36566	1,1-Dichloroethylene	5	0.0%
36212	1,2-Dichlorobenzene	9	0.0%
PAININ	1,2-Dichlorobenzene	72	29.2%
36236	1,2-Dichlorobenzene	14	0.0%
36318	1,2-Dichlorobenzene	15	33.3%
36566	1,2-Dichloroethane	5	40.0%
36315	1,3-Dichlorobenzene	16	50.0%
36212	1,4-Dichlorobenzene	9	0.0%
36236	1,4-Dichlorobenzene	14	0.0%
36241	1,4-Dichlorobenzene	7	28.6%
36318	1,4-Dichlorobenzene	15	26.7%
PAININ	1,4-Dichlorobenzene	72	26.4%
PAEFEF	1,4-Oxathiane	23	39.1%
35514	1,4-Oxathiane	6	0.0%
35514	Chlorobenzene	5	0.0%
36212	Chlorobenzene	9	0.0%
36231	Chlorobenzene	13	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
36236	Chlorobenzene	14	14.3%
36318	Chlorobenzene	15	26.7%
36305	Chlorobenzene	10	30.0%
35514	Chloroform	5	0.0%
36319	Chloroform	15	0.0%
36316	Chloroform	16	0.0%
35514	Chlorophenylmethyl sulfone	6	0.0%
35305	Chlorophenylmethyl sulfoxide	10	30.0%
35505	Chlorophenylmethyl sulfoxide	10	30.0%
PAININ	Chlorophenylmethyl sulfoxide	27	25.9%
36563	Diisopropyl methylphosphonate	30	30.0%
PAININ	Diisopropyl methylphosphonate	29	0.0%
35525	Dithiane	5	0.0%
35514	Dithiane	6	0.0%
36566	Tetrachloroethylene	5	0.0%
36575	Tetrachloroethylene	15	40.0%
35514	Tetrachloroethylene	5	0.0%
36567	Trichloroethylene	5	0.0%
36566	Trichloroethylene	5	0.0%
Exceedance			
37339	Chloride	9	0.0%
37391	Chloride	4	0.0%
23198	Dieldrin	9	22.2%
37097	Diisopropyl methylphosphonate	4	0.0%
LTMP Surface Water			
SW37001	Arsenic	46	23.9%
SW24004	Arsenic	26	46.2%
SW37001	Chloride	36	0.0%
SW24004	Chloride	20	5.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
North Boundary Containment System			
24415	Chloride	5	0.0%
23438	Chloride	5	0.0%
23119	Chloride	6	0.0%
24415	Sulfate	5	0.0%
PNEFEF	Sulfate	30	0.0%
23119	Sulfate	6	0.0%
23160	Sulfate	5	0.0%
23434	Sulfate	5	0.0%
23438	Sulfate	5	0.0%
24201	Sulfate	9	0.0%
PNININ	Sulfate	40	0.0%
Northwest Boundary Containment System			
22508	Dieldrin	11	0.0%
PWININ	Dieldrin	53	0.0%
22043	Dieldrin	5	0.0%
Off-Post Groundwater Intercept and Treatment System			
37457	Chloride	5	0.0%
37458	Dibromochloropropane	12	41.7%
37810	Dieldrin	32	18.8%
37103	Dieldrin	35	5.7%
37034	Dieldrin	27	0.0%
37395	Dieldrin	11	9.1%
37458	Dieldrin	5	40.0%
37471	Dieldrin	11	0.0%
37471	Fluoride	5	0.0%
37370	Fluoride	9	0.0%
37009	Fluoride	10	0.0%

Table I-14: FY2014 Statistical Trends

Site ID	Analyte	Number of Values Evaluated	Percent of Values Below the MRL
37815	Sulfate	10	0.0%
37807	Sulfate	10	0.0%
37458	Sulfate	5	0.0%
37370	Sulfate	9	0.0%
37008	Sulfate	7	0.0%
37028	Tetrachloroethylene	27	0.0%

Water Quality Tracking

01078	Chloroform	6	0.0%
27082	Diisopropyl methylphosphonate	4	0.0%
36633	Dithiane	4	0.0%
36629	Trichloroethylene	5	0.0%
36594	Trichloroethylene	5	0.0%