

CONTRACT COMPLIANCE SCREENING FORM FOR HARDCOPY DATA

AMEC Earth & Environmental
355 South Teller Street
Suite 300
Lakewood, CO 80226

Package ID T713SV3

Task Order 313150010

SDG No. Multiple

No. of Analyses 4

Laboratory Del Mar Analytical

Reviewer K. Shadowlight

Analysis/Method Semivolatiles by Method 625

Date: December 6, 2005

Reviewer's Signature

K. Shadowlight

ACTION ITEMS^a

Case Narrative
Deficiencies

2. Out of Scope
Analyses

3. Analyses Not Conducted

4. Missing Hardcopy
Deliverables

5. Incorrect Hardcopy
Deliverables

6. Deviations from Analysis
Protocol, e.g.,

Holding Times

GC/MS Tune/Inst. Performance

Calibration

Method blanks

Surrogates

Matrix Spike/Dup LCS

Field QC

Internal Standard Performance

Compound Identification

Quantitation

System Performance

Qualifications were assigned for the following:

-- Initial calibration outliers (r^2 values < 0.995)

-- Continuing calibration %D outlier

-- Method blank contamination

-- Blank spike/Blank spike duplicate recovery outliers

COMMENTS^b

^a Subcontracted analytical laboratory is not meeting contract and/or method requirements.

^b Differences in protocol have been adopted by the laboratory but no action against the laboratory is required.



DATA VALIDATION REPORT

Topanga Fire Sampling

ANALYSIS: SEMIVOLATILES

SAMPLE DELIVERY GROUPS: IOJ1234, IOJ1235,
IOJ1236, IOJ1337

Prepared by

AMEC Denver Operations
355 South Teller Street, Suite 300
Lakewood, Colorado 80226

1. INTRODUCTION

Task Order Title: Topanga Fire Sampling
Contract Task Order #: 313150010
SDG#: IOJ1234, IOJ1235, IOJ1236, IOJ1337
Project Manager: P. Costa
Matrix: Water
Analysis: Semivolatiles
QC Level: Level IV
No. of Samples: 4
No. of Reanalyses/Dilutions: 0
Reviewer: K. Shadowlight
Date of Review: December 6, 2005

The samples listed in Table 1 were validated based on the guidelines outlined in the *AMEC Data Validation Procedure for Levels C and D Semivolatile Organics (DVP-3, Rev. 2)*, *EPA Method 625*, and the *National Functional Guidelines For Organic Data Review (2/94)*. Any deviations from these procedures are documented herein. Qualifiers were applied in cases where the data did not meet the required QC criteria or where special consideration by the data user is required. Data qualifiers were placed on Form Is with the associated qualification codes. Analytes that were rejected for any reason are denoted on the Form I as having only the "R" data qualifier and associated qualification code(s) denoting the reason for rejection. Any additional problems with the data that may have resulted in an estimated value were not denoted by a qualification code since the data had already been rejected.

Table 1. Sample identification

Client ID	EPA ID	Lab No.	Matrix	Method
PCC-1	WL034	IOJ1234-01	water	625
CF-1	WL033	IOJ1235-01	water	625
SSM-1	WL032	IOJ1236-01	water	625
WC-1	WL035	IOJ1337-01	water	625

2. DATA VALIDATION FINDINGS

2.1 SAMPLE MANAGEMENT

Sample WL035 was received at the laboratory above the temperature limits of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ at 17°C ; however, due to the nonvolatile nature of the analytes no qualifications were required. The remaining samples in these SDGs were received at the laboratory within the temperature limits of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The analysis did not require preservation, and no preservation was noted in the field. According to the case narratives and sample log in sheets for these SDGs, the samples were received intact and on ice. No qualifications were required.

2.1.2 Chain of Custody

The COCs were signed and dated by both field and laboratory personnel. The COCs accounted for the analyses presented in these SDGs; however, the EPA IDs for all samples in these SDGs were changed at the request of Montgomery Watson personnel in a memo dated 11/04/05. The EPA IDs on the result summary forms reflect this change. As the samples were couriered directly to the laboratory, custody seals were not required. No qualifications were required.

2.1.3 Holding Times

The water samples were extracted within seven days of collection and analyzed within 40 days of collection. No qualifications were required.

2.2 GC/MS TUNING

The DFTPP tunes met the criteria specified in Method 625, and the samples were analyzed within 12 hours of the DFTPP injection times. No qualifications were required.

2.3 CALIBRATION

There were two initial calibrations associated with these SDGs dated 07/08/05 and 10/12/05 (benzidine only). The average RRFs were ≥ 0.05 in both initial calibrations. The %RSDs were $\leq 35\%$ or r^2 values were ≥ 0.995 for the target compounds listed on the sample summary forms, with the exception of the r^2 values < 0.995 for target compounds 2,4-dinitrophenol and 4-nitrophenol. Nondetect results for 2,4-dinitrophenol and 4-nitrophenol were qualified as estimated, "UJ," in the samples of these SDGs. A representative number of average RRFs and %RSDs were checked from the raw data, and no calculation or transcription errors were noted.

The continuing calibrations associated with the sample analyses were analyzed 10/25/05 and 10/27/05 (benzidine only). The RRFs for the target compounds were ≥ 0.05 , and the %Ds were $\leq 20\%$ with the exception of the %D for dibenzo(a,h)anthracene in the continuing calibration dated 10/25/05. Nondetect results for dibenzo(a,h)anthracene were qualified as estimated, "UJ," in the samples of these SDGs.

A representative number of average RRFs and %RSDs in the initial calibrations and RRFs and %Ds in the continuing calibrations were checked from the raw data, and no calculation or transcription errors were noted. No further qualifications were required.

2.4 BLANKS

One method blank (5J20053-BLK1) was extracted and analyzed with these SDGs. Target compound butyl benzyl phthalate was reported at a concentration of 0.74 µg/L in the method blank. The target compound was also reported at concentrations between the MDL and the reporting limit in the samples of these SDGs. The results for butyl benzyl phthalate were qualified as nondetects "U," and raised to the reporting limits for the samples in these SDGs. Review of the raw data indicated no false negatives or false positives. No further qualifications were required.

2.5 BLANK SPIKES AND LABORATORY CONTROL SAMPLES

One blank spike/blank spike duplicate pair (5J20053-BS1/BSD1) was extracted and analyzed with these SDGs. For blank spike/blank spike duplicate pairs, qualifications are applied, if necessary, to the associated samples based on those recoveries consistently outside of the laboratory-established QC limits in both the blank spike and blank spike duplicate. Results for those compounds with recoveries not consistent within the pair, with RPDs above the QC limit, are qualified as estimated, "UJ" for nondetects and "J" for detects, in the associated samples.

Target compound benzidine was not recovered in the blank spike or blank spike duplicate; therefore, the nondetect results for benzidine were rejected, "R," in the samples of these SDGs. Although the recovery of benzoic acid was within QC limits in the blank spike duplicate, it was not recovered in the blank spike; therefore, the reviewer deemed it necessary to qualify results for benzoic acid as estimated, "J," for detects and "UJ," for nondetects in the samples of these SDGs. Target compounds hexachlorobutadiene, hexachloroethane, and 1,2,4-trichlorobenzene were recovered below QC limits but greater than 10% in both the blank spike and blank spike duplicate pair. Nondetect results for the aforementioned target compounds were qualified as estimated, "UJ," in the samples of these SDGs. Target compounds bis(2-chloroethyl)ether, 4-chloroaniline, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2-nitrophenol, and n-nitrosodimethylamine were recovered marginally below QC limits in the blank spike duplicate. The remaining recoveries and all RPDs were within the laboratory-established QC limits. A representative number of recoveries and RPDs were calculated from the raw data and no calculation or transcription errors were found. No further qualifications were required.

2.6 SURROGATE RECOVERY

The surrogate recoveries reported on the sample result summaries were within the laboratory QC limits; however, the results for benzidine were reported from a separate analysis. The samples were analyzed on 10/27/05 for benzidine only, and all surrogate recoveries were less than 10% for all samples. The reviewer deemed it necessary to reject, "R," the nondetect results for benzidine in the samples of these SDGs. A representative number of recoveries were calculated from the raw data, and no transcription or calculation errors were noted. No further qualifications were required.

2.7 MATRIX SPIKE/MATRIX SPIKE DUPLICATE

No MS/MSD analyses were associated with these SDGs. Evaluation of method accuracy and precision was based on blank spike/blank spike duplicate results. No qualifications were required.

2.8 FIELD QC SAMPLES

Field QC samples were evaluated, and if necessary, qualified based on method blanks and other laboratory QC results affecting the usability of the field QC data. Any remaining detects were used to evaluate the associated site samples. Following are findings associated with field QC samples:

2.8.1 Field Blanks and Equipment Rinsates

There were no field QC samples associated with these SDGs. No qualifications were required.

2.8.2 Field Duplicates

There were no field duplicate samples identified for these SDGs.

2.9 INTERNAL STANDARDS PERFORMANCE

The internal standard area counts and retention times were within the control limits established by the continuing calibration standards: -50%/+100% for internal standard areas and ± 30 seconds for retention times. A representative number of recoveries were checked from the raw data, and no transcription or calculation errors were noted. No qualifications were required.

2.10 COMPOUND IDENTIFICATION

The laboratory analyzed for 66 semivolatile compounds by EPA Method 625. Review of the sample chromatograms, retention times, and spectra indicated no problems with target compound identification. No qualifications were required.

2.11 COMPOUND QUANTIFICATION AND REPORTED DETECTION LIMITS

Compound quantification is verified at a Level IV data validation. No calculation or transcription errors were found. Samples WL034 and WL032 were analyzed at a 4 \times and 5 \times dilution, respectively. The results and reporting limits were appropriately adjusted for sample amount and dilution when applicable. The reporting limits were supported by the low point of the initial calibration and the laboratory MDL. Any detects between the MDL and the reporting limit were qualified as estimated, "J," by the laboratory. No further qualifications were required.

2.12 TENTATIVELY IDENTIFIED COMPOUNDS

TICs were not reported by the laboratory for these SDGs. No qualifications were required.

2.13 SYSTEM PERFORMANCE

Review of the raw data indicated no problems with system performance. No qualifications were required.



Del Mar Analytical

303-273-0326

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MWH-Pasadena/Boeing
300 North Lake Avenue, Suite 1200
Pasadena, CA 91101
Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
Palo Comado Canyon
Report Number: IOJ1234

Sampled: 10/18/05
Received: 10/18/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1234-01 (WL034 - Water)									
Reporting Unit: ug/l									
Acenaphthene	EPA 625	SJ20053	0.40	2.0	ND	3.85	10/23/05	10/25/05	u
Acenaphthylene	EPA 625	SJ20053	0.40	2.0	ND	3.85	10/23/05	10/25/05	u
Aniline	EPA 625	SJ20053	12	40	ND	3.85	10/23/05	10/25/05	u
Anthracene	EPA 625	SJ20053	0.33	2.0	ND	3.85	10/23/05	10/25/05	u
Benzo(a)anthracene	EPA 625	SJ20053	3.0	5.0	ND	0.962	10/23/05	10/27/05	R
Benzo(a)pyrene	EPA 625	SJ20053	13	80	85	3.85	10/23/05	10/25/05	J
Benzo(b)fluoranthene	EPA 625	SJ20053	0.15	20	ND	3.85	10/23/05	10/25/05	u
Benzo(g,h,i)perylene	EPA 625	SJ20053	0.56	8.0	ND	3.85	10/23/05	10/25/05	u
Benzo(k)fluoranthene	EPA 625	SJ20053	0.20	8.0	ND	3.85	10/23/05	10/25/05	u
Benzo(l)fluoranthene	EPA 625	SJ20053	0.24	20	ND	3.85	10/23/05	10/25/05	u
Benzo(m)fluoranthene	EPA 625	SJ20053	0.21	2.0	ND	3.85	10/23/05	10/25/05	u
Benzo(n)fluoranthene	EPA 625	SJ20053	0.21	2.0	ND	3.85	10/23/05	10/25/05	u
Benzyl alcohol	EPA 625	SJ20053	0.84	20	27	3.85	10/23/05	10/25/05	u
Bis(2-chloroethoxy)methane	EPA 625	SJ20053	0.29	2.0	ND	3.85	10/23/05	10/25/05	u
Bis(2-chloroethyl)ether	EPA 625	SJ20053	0.34	2.0	ND	3.85	10/23/05	10/25/05	u
Bis(2-chloroisopropyl)ether	EPA 625	SJ20053	0.44	2.0	ND	3.85	10/23/05	10/25/05	u
Bis(2-ethylhexyl)phthalate	EPA 625	SJ20053	4.4	20	ND	3.85	10/23/05	10/25/05	u
4-Bromophenyl phenyl ether	EPA 625	SJ20053	0.48	4.0	ND	3.85	10/23/05	10/25/05	u
Butyl benzyl phthalate	EPA 625	SJ20053	1.4	20	ND	3.85	10/23/05	10/25/05	u
4-Chloroaniline	EPA 625	SJ20053	0.80	8.0	ND	3.85	10/23/05	10/25/05	u
2-Chloronaphthalene	EPA 625	SJ20053	0.24	2.0	ND	3.85	10/23/05	10/25/05	u
4-Chloro-3-methylphenol	EPA 625	SJ20053	1.4	8.0	ND	3.85	10/23/05	10/25/05	u
4-Chlorophenyl phenyl ether	EPA 625	SJ20053	0.22	2.0	ND	3.85	10/23/05	10/25/05	u
2-Chlorophenol	EPA 625	SJ20053	0.48	4.0	ND	3.85	10/23/05	10/25/05	u
Chrysene	EPA 625	SJ20053	0.29	2.0	ND	3.85	10/23/05	10/25/05	u
Dibenz(a,h)anthracene	EPA 625	SJ20053	0.33	2.0	ND	3.85	10/23/05	10/25/05	u
Dibenzofuran	EPA 625	SJ20053	0.30	2.0	ND	3.85	10/23/05	10/25/05	u
Di-n-butyl phthalate	EPA 625	SJ20053	1.0	8.0	ND	3.85	10/23/05	10/25/05	u
1,2-Dichlorobenzene	EPA 625	SJ20053	0.44	2.0	ND	3.85	10/23/05	10/25/05	u
1,3-Dichlorobenzene	EPA 625	SJ20053	0.52	2.0	ND	3.85	10/23/05	10/25/05	u
1,4-Dichlorobenzene	EPA 625	SJ20053	0.20	2.0	ND	3.85	10/23/05	10/25/05	u
3,3-Dichlorobenzidine	EPA 625	SJ20053	3.7	20	ND	3.85	10/23/05	10/25/05	u
2,4-Dichlorophenol	EPA 625	SJ20053	0.84	8.0	ND	3.85	10/23/05	10/25/05	u
Diethyl phthalate	EPA 625	SJ20053	0.48	4.0	ND	3.85	10/23/05	10/25/05	u
2,4-Dimethylphenol	EPA 625	SJ20053	1.2	8.0	ND	3.85	10/23/05	10/25/05	u
Dimethyl phthalate	EPA 625	SJ20053	0.32	2.0	ND	3.85	10/23/05	10/25/05	u
4,6-Dinitro-2-methylphenol	EPA 625	SJ20053	1.5	20	ND	3.85	10/23/05	10/25/05	u
2,4-Dinitrophenol	EPA 625	SJ20053	11	20	ND	3.85	10/23/05	10/25/05	u
2,4-Dinitrotoluene	EPA 625	SJ20053	0.92	20	ND	3.85	10/23/05	10/25/05	u
2,6-Dinitrotoluene	EPA 625	SJ20053	0.96	20	ND	3.85	10/23/05	10/25/05	u
Di-n-octyl phthalate	EPA 625	SJ20053	0.68	20	ND	3.85	10/23/05	10/25/05	u
1,2-Bisphenylhydrazine/Azobenzene	EPA 625	SJ20053	0.35	4.0	ND	3.85	10/23/05	10/25/05	u

Del Mar Analytical, Irvine
Michele Harper
Project Manager

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Level IV

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MWH-Pasadena/Boeing
 300 North Lake Avenue, Suite 1200
 Pasadena, CA 91101
 Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
 Palo Comado Canyon
 Report Number: IOJ1234

Sampled: 10/18/05
 Received: 10/18/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1234-01 (WL034 - Water) - cont.									
Reporting Units: ug/l									
Fluoranthene	EPA 625	5J20053	0.36	2.0	ND	3.85	10/23/05	10/25/05	u
Fluorene	EPA 625	5J20053	0.30	2.0	ND	3.85	10/23/05	10/25/05	u
Hexachlorobenzene	EPA 625	5J20053	0.52	4.0	ND	3.85	10/23/05	10/25/05	u
Hexachlorobutadiene	EPA 625	5J20053	1.5	8.0	ND	3.85	10/23/05	10/25/05	u
Hexachlorocyclopentadiene	EPA 625	5J20053	7.2	20	ND	3.85	10/23/05	10/25/05	u
Hexachloroethane	EPA 625	5J20053	2.0	12	ND	3.85	10/23/05	10/25/05	u
Indeno(1,2,3-cd)pyrene	EPA 625	5J20053	0.76	8.0	ND	3.85	10/23/05	10/25/05	u
Isophorone	EPA 625	5J20053	0.24	4.0	ND	3.85	10/23/05	10/25/05	u
2-Methylnaphthalene	EPA 625	5J20053	0.52	4.0	ND	3.85	10/23/05	10/25/05	u
2-Methylphenol	EPA 625	5J20053	1.1	8.0	2.6	3.85	10/23/05	10/25/05	u
4-Methylphenol	EPA 625	5J20053	0.80	20	5.5	3.85	10/23/05	10/25/05	u
Naphthalene	EPA 625	5J20053	0.52	4.0	ND	3.85	10/23/05	10/25/05	u
2-Nitroaniline	EPA 625	5J20053	0.72	20	ND	3.85	10/23/05	10/25/05	u
3-Nitroaniline	EPA 625	5J20053	1.4	20	ND	3.85	10/23/05	10/25/05	u
4-Nitroaniline	EPA 625	5J20053	2.0	20	ND	3.85	10/23/05	10/25/05	u
Nitrobenzene	EPA 625	5J20053	0.40	4.0	ND	3.85	10/23/05	10/25/05	u
2-Nitrophenol	EPA 625	5J20053	0.92	8.0	ND	3.85	10/23/05	10/25/05	u
4-Nitrophenol	EPA 625	5J20053	2.9	20	ND	3.85	10/23/05	10/25/05	u
N-Nitrosodimethylamine	EPA 625	5J20053	0.88	8.0	ND	3.85	10/23/05	10/25/05	u
N-Nitroso-di-n-propylamine	EPA 625	5J20053	0.72	8.0	ND	3.85	10/23/05	10/25/05	u
N-Nitrosodiphenylamine	EPA 625	5J20053	0.31	4.0	ND	3.85	10/23/05	10/25/05	u
Pentachlorophenol	EPA 625	5J20053	3.1	8.0	ND	3.85	10/23/05	10/25/05	u
Phenanthrene	EPA 625	5J20053	0.28	2.0	ND	3.85	10/23/05	10/25/05	u
Phenol	EPA 625	5J20053	0.56	4.0	14	3.85	10/23/05	10/25/05	u
Pyrene	EPA 625	5J20053	0.24	2.0	ND	3.85	10/23/05	10/25/05	u
1,2,4-Trichlorobenzene	EPA 625	5J20053	0.40	4.0	ND	3.85	10/23/05	10/25/05	u
2,4,5-Trichlorophenol	EPA 625	5J20053	0.30	8.0	ND	3.85	10/23/05	10/25/05	u
2,4,6-Trichlorophenol	EPA 625	5J20053	0.40	4.0	ND	3.85	10/23/05	10/25/05	u
Surrogate: 2-Fluorophenol (35-120%)					66 %				
Surrogate: Phenol-d6 (45-120%)					65 %				
Surrogate: 2,4,6-Tribromophenol (50-125%)					93 %				
Surrogate: Nitrobenzene-d5 (45-120%)					74 %				
Surrogate: 2-Fluorobiphenyl (45-120%)					77 %				
Surrogate: Terphenyl-d14 (45-135%)					86 %				

Del Mar Analytical, Irvine
 Michele Harper
 Project Manager

Level IV

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P. 6

MWH-Pasadena/Boeing
300 North Lake Avenue, Suite 1200
Pasadena, CA 91101
Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
China Flat
Report Number: IOJ1235

Sampled: 10/18/05
Received: 10/18/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1235-01 (WL033 - Water)									
Reporting Units: ug/l									
Acenaphthene	EPA 625	5J20053	0.10	0.50	ND	0.962	10/23/05	10/25/05 U	L2 L, S L2, J L, DM
Acenaphthylene	EPA 625	5J20053	0.10	0.50	ND	0.962	10/23/05	10/25/05	
Aniline	EPA 625	5J20053	2.9	10	ND	0.962	10/23/05	10/25/05	
Anthracene	EPA 625	5J20053	0.083	0.50	ND	0.962	10/23/05	10/25/05	
Benizidine	EPA 625	5J20053	3.0	5.0	ND	0.962	10/23/05	10/27/05 R	
Benzoic acid	EPA 625	5J20053	3.7	20	19	0.962	10/23/05	10/25/05 J	
Benzo(a)anthracene	EPA 625	5J20053	0.038	5.0	ND	0.962	10/23/05	10/25/05 U	
Benzo(a)pyrene	EPA 625	5J20053	0.14	2.0	ND	0.962	10/23/05	10/25/05	
Benzo(b)fluoranthene	EPA 625	5J20053	0.050	2.0	ND	0.962	10/23/05	10/25/05	
Benzo(g,h,i)perylene	EPA 625	5J20053	0.059	5.0	ND	0.962	10/23/05	10/25/05	
Benzo(k)fluoranthene	EPA 625	5J20053	0.053	0.50	ND	0.962	10/23/05	10/25/05	
Benzyl alcohol	EPA 625	5J20053	0.21	5.0	11	0.962	10/23/05	10/25/05	
Bis(2-chloroethoxy)methane	EPA 625	5J20053	0.072	0.50	ND	0.962	10/23/05	10/25/05 U	
Bis(2-chloroethyl)ether	EPA 625	5J20053	0.084	0.50	ND	0.962	10/23/05	10/25/05	
Bis(2-chloroisopropyl)ether	EPA 625	5J20053	0.11	0.50	ND	0.962	10/23/05	10/25/05	
Bis(2-ethylhexyl)phthalate	EPA 625	5J20053	1.1	5.0	ND	0.962	10/23/05	10/25/05	
4-Bromophenyl phenyl ether	EPA 625	5J20053	0.12	1.0	ND	0.962	10/23/05	10/25/05	J, B B
Butyl benzyl phthalate	EPA 625	5J20053	0.34	5.0	ND 0.98	0.962	10/23/05	10/25/05 U	
4-Chloroaniline	EPA 625	5J20053	0.20	2.0	ND	0.962	10/23/05	10/25/05 U	L2
2-Chloronaphthalene	EPA 625	5J20053	0.059	0.50	ND	0.962	10/23/05	10/25/05	
4-Chloro-3-methylphenol	EPA 625	5J20053	0.34	2.0	ND	0.962	10/23/05	10/25/05	L2 L2
4-Chlorophenyl phenyl ether	EPA 625	5J20053	0.056	0.50	ND	0.962	10/23/05	10/25/05	
2-Chlorophenol	EPA 625	5J20053	0.12	1.0	ND	0.962	10/23/05	10/25/05	
Chrysene	EPA 625	5J20053	0.072	0.50	ND	0.962	10/23/05	10/25/05	
Dibenz(a,h)anthracene	EPA 625	5J20053	0.083	0.50	ND	0.962	10/23/05	10/25/05 U	
Dibenzofuran	EPA 625	5J20053	0.075	0.50	ND	0.962	10/23/05	10/25/05 U	
Di-n-butyl phthalate	EPA 625	5J20053	0.26	2.0	ND	0.962	10/23/05	10/25/05	
1,2-Dichlorobenzene	EPA 625	5J20053	0.11	0.50	ND	0.962	10/23/05	10/25/05	
1,3-Dichlorobenzene	EPA 625	5J20053	0.13	0.50	ND	0.962	10/23/05	10/25/05	
1,4-Dichlorobenzene	EPA 625	5J20053	0.050	0.50	ND	0.962	10/23/05	10/25/05	
3,3-Dichlorobenzidine	EPA 625	5J20053	0.93	5.0	ND	0.962	10/23/05	10/25/05	
2,4-Dichlorophenol	EPA 625	5J20053	0.21	2.0	ND	0.962	10/23/05	10/25/05	J DM
Diethyl phthalate	EPA 625	5J20053	0.12	1.0	ND	0.962	10/23/05	10/25/05	
2,4-Dimethylphenol	EPA 625	5J20053	0.31	2.0	1.1	0.962	10/23/05	10/25/05 J	C
Dimethyl phthalate	EPA 625	5J20053	0.081	0.50	ND	0.962	10/23/05	10/25/05 U	
4,6-Dinitro-2-methylphenol	EPA 625	5J20053	0.38	5.0	ND	0.962	10/23/05	10/25/05 U	
2,4-Dinitrophenol	EPA 625	5J20053	2.7	5.0	ND	0.962	10/23/05	10/25/05 U	
2,4-Dinitrotoluene	EPA 625	5J20053	0.23	5.0	ND	0.962	10/23/05	10/25/05 U	
2,6-Dinitrotoluene	EPA 625	5J20053	0.24	5.0	ND	0.962	10/23/05	10/25/05	
Di-n-octyl phthalate	EPA 625	5J20053	0.17	5.0	ND	0.962	10/23/05	10/25/05	
1,2-Diphenylhydrazine/Azobenzene	EPA 625	5J20053	0.087	1.0	ND	0.962	10/23/05	10/25/05	

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Michele Harper
Project Manager

Level IV

CA 12/24/05

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P. 1

MWH-Pasadena/Boeing
300 North Lake Avenue, Suite 1200
Pasadena, CA 91101
Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
China Flat
Report Number: IOJ1235

Sampled: 10/18/05
Received: 10/18/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1235-01 (WL033 - Water) - cont. Reporting Units: ug/l									
Fluoranthene	EPA 625	SJ20053	0.089	0.50	ND	0.962	10/23/05	10/25/05	u
Fluorene	EPA 625	SJ20053	0.075	0.50	ND	0.962	10/23/05	10/25/05	u
Hexachlorobenzene	EPA 625	SJ20053	0.13	1.0	ND	0.962	10/23/05	10/25/05	u
Hexachlorobutadiene	EPA 625	SJ20053	0.38	2.0	ND	0.962	10/23/05	10/25/05	u
Hexachlorocyclopentadiene	EPA 625	SJ20053	1.8	5.0	ND	0.962	10/23/05	10/25/05	u
Hexachloroethane	EPA 625	SJ20053	0.51	3.0	ND	0.962	10/23/05	10/25/05	u
Indeno(1,2,3-cd)pyrene	EPA 625	SJ20053	0.19	2.0	ND	0.962	10/23/05	10/25/05	u
Isophorone	EPA 625	SJ20053	0.059	1.0	0.90	0.962	10/23/05	10/25/05	u
2-Methylnaphthalene	EPA 625	SJ20053	0.13	1.0	ND	0.962	10/23/05	10/25/05	u
2-Methylphenol	EPA 625	SJ20053	0.28	2.0	2.1	0.962	10/23/05	10/25/05	u
4-Methylphenol	EPA 625	SJ20053	0.20	5.0	5.0	0.962	10/23/05	10/25/05	u
Naphthalene	EPA 625	SJ20053	0.13	1.0	ND	0.962	10/23/05	10/25/05	u
2-Nitroaniline	EPA 625	SJ20053	0.18	5.0	ND	0.962	10/23/05	10/25/05	u
3-Nitroaniline	EPA 625	SJ20053	0.35	5.0	ND	0.962	10/23/05	10/25/05	u
4-Nitroaniline	EPA 625	SJ20053	0.49	5.0	ND	0.962	10/23/05	10/25/05	u
Nitrobenzene	EPA 625	SJ20053	0.10	1.0	ND	0.962	10/23/05	10/25/05	u
2-Nitrophenol	EPA 625	SJ20053	0.23	2.0	ND	0.962	10/23/05	10/25/05	u
4-Nitrophenol	EPA 625	SJ20053	0.73	5.0	ND	0.962	10/23/05	10/25/05	u
N-Nitrosodimethylamine	EPA 625	SJ20053	0.22	2.0	ND	0.962	10/23/05	10/25/05	u
N-Nitroso-di-n-propylamine	EPA 625	SJ20053	0.18	2.0	ND	0.962	10/23/05	10/25/05	u
N-Nitrosodiphenylamine	EPA 625	SJ20053	0.077	1.0	ND	0.962	10/23/05	10/25/05	u
Pentachlorophenol	EPA 625	SJ20053	0.78	2.0	ND	0.962	10/23/05	10/25/05	u
Phenanthrene	EPA 625	SJ20053	0.071	0.50	ND	0.962	10/23/05	10/25/05	u
Phenol	EPA 625	SJ20053	0.14	1.0	13	0.962	10/23/05	10/25/05	u
Pyrene	EPA 625	SJ20053	0.059	0.50	ND	0.962	10/23/05	10/25/05	u
1,2,4-Trichlorobenzene	EPA 625	SJ20053	0.10	1.0	ND	0.962	10/23/05	10/25/05	u
2,4,5-Trichlorophenol	EPA 625	SJ20053	0.075	2.0	ND	0.962	10/23/05	10/25/05	u
2,4,6-Trichlorophenol	EPA 625	SJ20053	0.10	1.0	ND	0.962	10/23/05	10/25/05	u
Surrogate: 2-Fluorophenol (35-120%)					64 %				
Surrogate: Phenol-d6 (45-120%)					56 %				
Surrogate: 2,4,6-Tribromophenol (50-125%)					91 %				
Surrogate: Nitrobenzene-d5 (45-120%)					73 %				
Surrogate: 2-Fluorobiphenyl (45-120%)					58 %				
Surrogate: Terphenyl-d14 (45-135%)					84 %				

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Michelle Harper
Project Manager

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MWH-Pasadena/Boeing
300 North Lake Avenue, Suite 1200
Pasadena, CA 91101
Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
Santa Susana Mts
Report Number: IOJ1236

Sampled: 10/18/05
Received: 10/18/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1236-01 (WL032 - Water)									Rev Qual
Reporting Units: ug/l									
Acenaphthene	EPA 625	5J20053	0.50	2.5	ND	4.76	10/23/05	10/25/05	U
Acenaphthylene	EPA 625	5J20053	0.50	2.5	ND	4.76	10/23/05	10/25/05	
Aniline	EPA 625	5J20053	14	50	ND	4.76	10/23/05	10/25/05	
Anthracene	EPA 625	5J20053	0.42	2.5	ND	4.76	10/23/05	10/25/05	↓
Benzidine	EPA 625	5J20053	3.0	5.0	ND	0.952	10/23/05	10/27/05	R
Benzoic acid	EPA 625	5J20053	18	100	66	4.76	10/23/05	10/25/05	J
Benzo(a)anthracene	EPA 625	5J20053	0.19	25	ND	4.76	10/23/05	10/25/05	U
Benzo(a)pyrene	EPA 625	5J20053	0.70	10	ND	4.76	10/23/05	10/25/05	
Benzo(b)fluoranthene	EPA 625	5J20053	0.25	10	ND	4.76	10/23/05	10/25/05	
Benzo(g,h,i)perylene	EPA 625	5J20053	0.30	25	ND	4.76	10/23/05	10/25/05	
Benzo(k)fluoranthene	EPA 625	5J20053	0.26	2.5	ND	4.76	10/23/05	10/25/05	
Benzyl alcohol	EPA 625	5J20053	1.0	25	ND	4.76	10/23/05	10/25/05	
Bis(2-chloroethoxy)methane	EPA 625	5J20053	0.36	2.5	ND	4.76	10/23/05	10/25/05	
Bis(2-chloroethyl)ether	EPA 625	5J20053	0.42	2.5	ND	4.76	10/23/05	10/25/05	
Bis(2-chloroisopropyl)ether	EPA 625	5J20053	0.55	2.5	ND	4.76	10/23/05	10/25/05	L2
Bis(2-ethylhexyl)phthalate	EPA 625	5J20053	5.5	25	ND	4.76	10/23/05	10/25/05	
4-Bromophenyl phenyl ether	EPA 625	5J20053	0.60	5.0	ND	4.76	10/23/05	10/25/05	↓
Butyl benzyl phthalate	EPA 625	5J20053	1.7	25	ND	4.76	10/23/05	10/25/05	U
4-Chloroaniline	EPA 625	5J20053	1.0	10	ND	4.76	10/23/05	10/25/05	U
2-Chloronaphthalene	EPA 625	5J20053	0.30	2.5	ND	4.76	10/23/05	10/25/05	
4-Chloro-3-methylphenol	EPA 625	5J20053	1.7	10	ND	4.76	10/23/05	10/25/05	
4-Chlorophenyl phenyl ether	EPA 625	5J20053	0.28	2.5	ND	4.76	10/23/05	10/25/05	
2-Chlorophenol	EPA 625	5J20053	0.60	5.0	ND	4.76	10/23/05	10/25/05	
Chrysene	EPA 625	5J20053	0.36	2.5	ND	4.76	10/23/05	10/25/05	↓
Dibenz(a,h)anthracene	EPA 625	5J20053	0.42	2.5	ND	4.76	10/23/05	10/25/05	U
Dibenzofuran	EPA 625	5J20053	0.38	2.5	ND	4.76	10/23/05	10/25/05	U
Di-n-butyl phthalate	EPA 625	5J20053	1.3	10	ND	4.76	10/23/05	10/25/05	
1,2-Dichlorobenzene	EPA 625	5J20053	0.55	2.5	ND	4.76	10/23/05	10/25/05	
1,3-Dichlorobenzene	EPA 625	5J20053	0.65	2.5	ND	4.76	10/23/05	10/25/05	
1,4-Dichlorobenzene	EPA 625	5J20053	0.25	2.5	ND	4.76	10/23/05	10/25/05	L2
3,3-Dichlorobenzidine	EPA 625	5J20053	4.6	25	ND	4.76	10/23/05	10/25/05	L2
2,4-Dichlorophenol	EPA 625	5J20053	1.0	10	ND	4.76	10/23/05	10/25/05	
Diethyl phthalate	EPA 625	5J20053	0.60	5.0	ND	4.76	10/23/05	10/25/05	
2,4-Dimethylphenol	EPA 625	5J20053	1.6	10	ND	4.76	10/23/05	10/25/05	
Dimethyl phthalate	EPA 625	5J20053	0.40	2.5	ND	4.76	10/23/05	10/25/05	
4,6-Dinitro-2-methylphenol	EPA 625	5J20053	1.9	25	ND	4.76	10/23/05	10/25/05	↓
2,4-Dinitrophenol	EPA 625	5J20053	14	25	ND	4.76	10/23/05	10/25/05	U
2,4-Dinitrotoluene	EPA 625	5J20053	1.2	25	ND	4.76	10/23/05	10/25/05	U
2,6-Dinitrotoluene	EPA 625	5J20053	1.2	25	ND	4.76	10/23/05	10/25/05	U
Di-n-octyl phthalate	EPA 625	5J20053	0.85	25	ND	4.76	10/23/05	10/25/05	
1,2-Diphenylhydrazine/Azobenzene	EPA 625	5J20053	0.44	5.0	ND	4.76	10/23/05	10/25/05	

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Michele Harper
Project Manager

Level IV

10/12/05

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MWH-Pasadena/Boeing
 300 North Lake Avenue, Suite 1200
 Pasadena, CA 91101
 Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
 Santa Susana Mts
 Report Number: IOJ1236

Sampled: 10/18/05
 Received: 10/18/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1236-01 (WL032 - Water) - cont. Reporting Units: ug/l									
Fluoranthene	EPA 625	5J20053	0.44	2.5	ND	4.76	10/23/05	10/25/05	u
Fluorene	EPA 625	5J20053	0.38	2.5	ND	4.76	10/23/05	10/25/05	u
Hexachlorobenzene	EPA 625	5J20053	0.65	5.0	ND	4.76	10/23/05	10/25/05	u
Hexachlorobutadiene	EPA 625	5J20053	1.9	10	ND	4.76	10/23/05	10/25/05	u
Hexachlorocyclopentadiene	EPA 625	5J20053	9.0	25	ND	4.76	10/23/05	10/25/05	u
Hexachloroethane	EPA 625	5J20053	2.6	15	ND	4.76	10/23/05	10/25/05	u
Indeno(1,2,3-cd)pyrene	EPA 625	5J20053	0.95	10	ND	4.76	10/23/05	10/25/05	u
Isophorone	EPA 625	5J20053	0.30	5.0	0.67	4.76	10/23/05	10/25/05	J
2-Methylnaphthalene	EPA 625	5J20053	0.65	5.0	ND	4.76	10/23/05	10/25/05	u
2-Methylphenol	EPA 625	5J20053	1.4	10	ND	4.76	10/23/05	10/25/05	u
4-Methylphenol	EPA 625	5J20053	1.0	25	2.1	4.76	10/23/05	10/25/05	J
Naphthalene	EPA 625	5J20053	0.65	5.0	ND	4.76	10/23/05	10/25/05	u
2-Nitroaniline	EPA 625	5J20053	0.90	25	ND	4.76	10/23/05	10/25/05	u
3-Nitroaniline	EPA 625	5J20053	1.8	25	ND	4.76	10/23/05	10/25/05	u
4-Nitroaniline	EPA 625	5J20053	2.4	25	ND	4.76	10/23/05	10/25/05	u
Nitrobenzene	EPA 625	5J20053	0.50	5.0	ND	4.76	10/23/05	10/25/05	u
2-Nitrophenol	EPA 625	5J20053	1.2	10	ND	4.76	10/23/05	10/25/05	u
4-Nitrophenol	EPA 625	5J20053	3.6	25	ND	4.76	10/23/05	10/25/05	u
N-Nitrosodimethylamine	EPA 625	5J20053	1.1	10	ND	4.76	10/23/05	10/25/05	u
N-Nitroso-di-n-propylamine	EPA 625	5J20053	0.90	10	ND	4.76	10/23/05	10/25/05	u
N-Nitrosodiphenylamine	EPA 625	5J20053	0.38	5.0	ND	4.76	10/23/05	10/25/05	u
Pentachlorophenol	EPA 625	5J20053	3.9	10	ND	4.76	10/23/05	10/25/05	u
Phenanthrene	EPA 625	5J20053	0.36	2.5	ND	4.76	10/23/05	10/25/05	u
Phenol	EPA 625	5J20053	0.70	5.0	4.0	4.76	10/23/05	10/25/05	J
Pyrene	EPA 625	5J20053	0.30	2.5	ND	4.76	10/23/05	10/25/05	u
1,2,4-Trichlorobenzene	EPA 625	5J20053	0.50	5.0	ND	4.76	10/23/05	10/25/05	u
2,4,5-Trichlorophenol	EPA 625	5J20053	0.38	10	ND	4.76	10/23/05	10/25/05	u
2,4,6-Trichlorophenol	EPA 625	5J20053	0.50	5.0	ND	4.76	10/23/05	10/25/05	u
Surrogate: 2-Fluorophenol (35-120%)					56 %				
Surrogate: Phenol-d6 (45-120%)					62 %				
Surrogate: 2,4,6-Tribromophenol (50-125%)					85 %				
Surrogate: Nitrobenzene-d5 (45-120%)					75 %				
Surrogate: 2-Fluorobiphenyl (45-120%)					74 %				
Surrogate: Terphenyl-d14 (45-135%)					82 %				

Del Mar Analytical, Irvine
 Michele Harper
 Project Manager

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MWH-Pasadena/Boeing
 300 North Lake Avenue, Suite 1200
 Pasadena, CA 91101
 Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
 Wildwood Canyon
 Report Number: IOJ1337

Sampled: 10/18/05
 Received: 10/19/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1337-01 (WL035 - Water)									Rev Pwd RL-4 Pwd
Reporting Units: ug/l									
Acenaphthene	EPA 625	5J20053	0.12	0.62	ND	1.25	10/23/05	10/25/05	U
Acenaphthylene	EPA 625	5J20053	0.12	0.62	ND	1.25	10/23/05	10/25/05	
Aniline	EPA 625	5J20053	3.6	12	ND	1.25	10/23/05	10/25/05	
Anthracene	EPA 625	5J20053	0.10	0.62	ND	1.25	10/23/05	10/25/05	
Benzidine	EPA 625	5J20053	3.8	6.2	ND	1.25	10/23/05	10/27/05	R L2 L, S
Benzoic acid	EPA 625	5J20053	4.6	25	ND	1.25	10/23/05	10/25/05	U L2 L
Benzo(a)anthracene	EPA 625	5J20053	0.048	6.2	ND	1.25	10/23/05	10/25/05	U
Benzo(a)pyrene	EPA 625	5J20053	0.18	2.5	ND	1.25	10/23/05	10/25/05	
Benzo(b)fluoranthene	EPA 625	5J20053	0.062	2.5	ND	1.25	10/23/05	10/25/05	
Benzo(g,h,i)perylene	EPA 625	5J20053	0.074	6.2	ND	1.25	10/23/05	10/25/05	
Benzo(k)fluoranthene	EPA 625	5J20053	0.066	0.62	ND	1.25	10/23/05	10/25/05	
Benzyl alcohol	EPA 625	5J20053	0.26	6.2	ND	1.25	10/23/05	10/25/05	
Bis(2-chloroethoxy)methane	EPA 625	5J20053	0.090	0.62	ND	1.25	10/23/05	10/25/05	
Bis(2-chloroethyl)ether	EPA 625	5J20053	0.10	0.62	ND	1.25	10/23/05	10/25/05	
Bis(2-chloroisopropyl)ether	EPA 625	5J20053	0.14	0.62	ND	1.25	10/23/05	10/25/05	L2
Bis(2-ethylhexyl)phthalate	EPA 625	5J20053	1.4	6.2	ND	1.25	10/23/05	10/25/05	
4-Bromophenyl phenyl ether	EPA 625	5J20053	0.15	1.2	ND	1.25	10/23/05	10/25/05	
Butyl benzyl phthalate	EPA 625	5J20053	0.42	6.2	ND	1.25	10/23/05	10/25/05	U B, J B
4-Chloroaniline	EPA 625	5J20053	0.25	2.5	ND	1.25	10/23/05	10/25/05	U L2
2-Chloronaphthalene	EPA 625	5J20053	0.074	0.62	ND	1.25	10/23/05	10/25/05	
4-Chloro-3-methylphenol	EPA 625	5J20053	0.42	2.5	ND	1.25	10/23/05	10/25/05	
4-Chlorophenyl phenyl ether	EPA 625	5J20053	0.070	0.62	ND	1.25	10/23/05	10/25/05	
2-Chlorophenol	EPA 625	5J20053	0.15	1.2	ND	1.25	10/23/05	10/25/05	
Chrysene	EPA 625	5J20053	0.090	0.62	ND	1.25	10/23/05	10/25/05	
Dibenz(a,h)anthracene	EPA 625	5J20053	0.10	0.62	ND	1.25	10/23/05	10/25/05	U C
Dibenzofuran	EPA 625	5J20053	0.094	0.62	ND	1.25	10/23/05	10/25/05	U
Di-n-butyl phthalate	EPA 625	5J20053	0.32	2.5	0.32	1.25	10/23/05	10/25/05	J J O, Q
1,2-Dichlorobenzene	EPA 625	5J20053	0.14	0.62	ND	1.25	10/23/05	10/25/05	U
1,3-Dichlorobenzene	EPA 625	5J20053	0.16	0.62	ND	1.25	10/23/05	10/25/05	
1,4-Dichlorobenzene	EPA 625	5J20053	0.062	0.62	ND	1.25	10/23/05	10/25/05	L2
3,3-Dichlorobenzidine	EPA 625	5J20053	1.2	6.2	ND	1.25	10/23/05	10/25/05	L2
2,4-Dichlorophenol	EPA 625	5J20053	0.26	2.5	ND	1.25	10/23/05	10/25/05	
Diethyl phthalate	EPA 625	5J20053	0.15	1.2	0.20	1.25	10/23/05	10/25/05	J J O, Q
2,4-Dimethylphenol	EPA 625	5J20053	0.39	2.5	ND	1.25	10/23/05	10/25/05	U
Dimethyl phthalate	EPA 625	5J20053	0.10	0.62	ND	1.25	10/23/05	10/25/05	
4,6-Dinitro-2-methylphenol	EPA 625	5J20053	0.48	6.2	ND	1.25	10/23/05	10/25/05	
2,4-Dinitrophenol	EPA 625	5J20053	3.4	6.2	ND	1.25	10/23/05	10/25/05	U C
2,4-Dinitrotoluene	EPA 625	5J20053	0.29	6.2	ND	1.25	10/23/05	10/25/05	U
2,6-Dinitrotoluene	EPA 625	5J20053	0.30	6.2	ND	1.25	10/23/05	10/25/05	
Di-n-octyl phthalate	EPA 625	5J20053	0.21	6.2	ND	1.25	10/23/05	10/25/05	
1,2-Diphenylhydrazine/Azobenzene	EPA 625	5J20053	0.11	1.2	ND	1.25	10/23/05	10/25/05	

Del Mar Analytical, Irvine
 Michele Harper
 Project Manager

Level III

Ks 12/2/05

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MWH-Pasadena/Boeing
 300 North Lake Avenue, Suite 1200
 Pasadena, CA 91101
 Attention: Bronwyn Kelly

Project ID: Offsite Storm Water Samples
 Wildwood Canyon
 Report Number: IOJ1337

Sampled: 10/18/05
 Received: 10/19/05

ACID & BASE/NEUTRALS BY GC/MS (EPA 625)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOJ1337-01 (WL035 - Water) - cont. Reporting Units: ug/l									Rev Puc1
Fluoranthene	EPA 625	5J20053	0.11	0.62	ND	1.25	10/23/05	10/25/05	u
Fluorene	EPA 625	5J20053	0.094	0.62	ND	1.25	10/23/05	10/25/05	u
Hexachlorobenzene	EPA 625	5J20053	0.16	1.2	ND	1.25	10/23/05	10/25/05	u
Hexachlorobutadiene	EPA 625	5J20053	0.48	2.5	ND	1.25	10/23/05	10/25/05	u5 L2 L
Hexachlorocyclopentadiene	EPA 625	5J20053	2.2	6.2	ND	1.25	10/23/05	10/25/05	u
Hexachloroethane	EPA 625	5J20053	0.64	3.8	ND	1.25	10/23/05	10/25/05	u5 L2 L
Indeno(1,2,3-cd)pyrene	EPA 625	5J20053	0.24	2.5	ND	1.25	10/23/05	10/25/05	u
Isophorone	EPA 625	5J20053	0.074	1.2	0.35	1.25	10/23/05	10/25/05	J J ON2
2-Methylnaphthalene	EPA 625	5J20053	0.16	1.2	ND	1.25	10/23/05	10/25/05	u
2-Methylphenol	EPA 625	5J20053	0.35	2.5	ND	1.25	10/23/05	10/25/05	
4-Methylphenol	EPA 625	5J20053	0.25	6.2	ND	1.25	10/23/05	10/25/05	
Naphthalene	EPA 625	5J20053	0.16	1.2	ND	1.25	10/23/05	10/25/05	
2-Nitroaniline	EPA 625	5J20053	0.22	6.2	ND	1.25	10/23/05	10/25/05	
3-Nitroaniline	EPA 625	5J20053	0.44	6.2	ND	1.25	10/23/05	10/25/05	
4-Nitroaniline	EPA 625	5J20053	0.61	6.2	ND	1.25	10/23/05	10/25/05	
Nitrobenzene	EPA 625	5J20053	0.12	1.2	ND	1.25	10/23/05	10/25/05	
2-Nitrophenol	EPA 625	5J20053	0.29	2.5	ND	1.25	10/23/05	10/25/05	u5 L2
4-Nitrophenol	EPA 625	5J20053	0.91	6.2	ND	1.25	10/23/05	10/25/05	u5 C
N-Nitrosodimethylamine	EPA 625	5J20053	0.28	2.5	ND	1.25	10/23/05	10/25/05	u L2
N-Nitroso-di-n-propylamine	EPA 625	5J20053	0.22	2.5	ND	1.25	10/23/05	10/25/05	
N-Nitrosodiphenylamine	EPA 625	5J20053	0.096	1.2	ND	1.25	10/23/05	10/25/05	
Pentachlorophenol	EPA 625	5J20053	0.97	2.5	ND	1.25	10/23/05	10/25/05	
Phenanthrene	EPA 625	5J20053	0.089	0.62	ND	1.25	10/23/05	10/25/05	
Phenol	EPA 625	5J20053	0.18	1.2	ND	1.25	10/23/05	10/25/05	
Pyrene	EPA 625	5J20053	0.074	0.62	ND	1.25	10/23/05	10/25/05	u5 L2 L
1,2,4-Trichlorobenzene	EPA 625	5J20053	0.12	1.2	ND	1.25	10/23/05	10/25/05	u5
2,4,5-Trichlorophenol	EPA 625	5J20053	0.094	2.5	ND	1.25	10/23/05	10/25/05	u
2,4,6-Trichlorophenol	EPA 625	5J20053	0.12	1.2	ND	1.25	10/23/05	10/25/05	u
Surrogate: 2-Fluorophenol (35-120%)					62 %				
Surrogate: Phenol-d6 (45-120%)					70 %				
Surrogate: 2,4,6-Tribromophenol (50-125%)					90 %				
Surrogate: Nitrobenzene-d5 (45-120%)					66 %				
Surrogate: 2-Fluorobiphenyl (45-120%)					75 %				
Surrogate: Terphenyl-d14 (45-135%)					92 %				

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