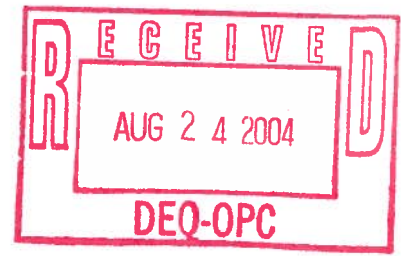


**DRAFT REPORT**  
**PHASE II FINAL DESIGN SAMPLING**  
**RED PANTHER SITE**  
**CLARKSDALE, MISSISSIPPI**



**Prepared for:**  
**Red Panther PRP Group**

**August 5, 2004**

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## List of Acronyms

AOC	Administrative Order on Consent
AST	Aboveground Storage Tank
BLS	Below Land Surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COCs	Constituents of Concern
EPA	Environmental Protection Agency
mg/L	Milligrams Per Liter
mg/kg	Milligrams Per Kilogram
PID	Photoionization Detector
PRPs	Performing Potentially Responsible Parties
QA/QC	Quality Assurance and Quality Control
QAPP	Quality Assurance Project Plan
MBPC	Mississippi Bureau of Pollution Control
RCRA	Resource Conservation and Recovery Act
SAP	Sampling and Analysis Plan
SSHP	Site Safety and Health Plan
START	Superfund Technical Assessment and Response Team
TCLP	Toxicity Characteristic Leaching Procedure
UTS	Universal Treatment Standards

## EXECUTIVE SUMMARY

This report presents the results of the Phase II Final Design Sampling activities conducted in June 2004 at the Red Panther Superfund Site in Clarksdale, Mississippi. The Final Design Sampling activities were performed from June 28, 2004 to June 29, 2004. The Final Design Sampling was conducted to collect composite soil samples from the 2-6' below land surface (bls) intervals and 6-10' bls intervals that require excavation. The purpose of the sampling was to determine the appropriate disposal methodology for the soils in Area B during the Phase II Removal. Additional sampling was also performed during the sampling event to evaluate surface soils in two drainage ditches bordering the site, the breezeway area in Area D, and the contents of a silo in Area D. The Final Design Sampling was done in accordance with the schedule established at the June 2, 2004 meeting with EPA held at the Red Panther site.

A total of 7 composite soil samples were collected from Area B for TCLP and volatile organic compounds (VOCs), semivolatile organic (SVOCs), and RCRA metals testing to determine the appropriate disposal methodology for the Phase II Removal (Figure 2). The locations of the TCLP samples were based on the final excavation cutlines provided by Newfields. The TCLP analytical results were compared to the regulatory limits to evaluate which soils may be designated a characteristic hazardous waste if excavated. The analytical results are presented on Table 1 and shown on Figure 2. The analytical results indicate that 5 of the 7 samples (AB TCLP 14 2-6', AB TCLP 14 6-10', AB TCLP 15 2-6', AB TCLP 16 2-6', and AB TCLP 17 6-10') exceeded the TCLP regulatory limits for arsenic.

Additional sampling was performed during the Final Design Sampling event to evaluate surface soils in other areas of the site and to evaluate the contents of a silo in Area D. Two drainage ditches, one east of Normandy Avenue and one bordering the southern side of the site (former Sasse Street) were sampled to evaluate if the soils in the drainage ditches exceeded the surface soil performance standards. Two Direct Push Technology (DPTs) borings were installed in each ditch (Figure 3) to collect soil samples for the evaluation. Samples were collected from the 0-1' and 1-2' bls intervals in each ditch. The samples were analyzed for the surface soil constituents of concern (COCs) arsenic by EPA Method 6010 and dieldrin, toxaphene, and total chlorinated pesticides by EPA Method 8081A. The analytical results are presented on Table 2 and shown on Figure 3.

Samples were also collected from the breezeway area and the contents of the silo in Area D. The breezeway is an open area underneath the raised floor of one of the buildings in Area D. Two composite surface soil samples (0-1' bls) were collected from the breezeway and analyzed for the surface soil COCs arsenic, dieldrin, toxaphene, and total chlorinated pesticides. The analytical results of these samples are presented on Table 2 and shown on Figure 3. The results

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indicate the soils in the breezeway area exceeded the surface soil performance standards

The contents of the silo in Area D were also sampled for TCLP and VOCs, SVOCs, and RCRA metals testing to evaluate the disposal of the silo contents. The TCLP results indicate the contents of the silo are nonhazardous and only contained a low concentration of toluene (4.4 milligrams per kilogram). The results are presented on Table 1 and shown on Figure 3.

## 1.0 INTRODUCTION

This report presents the results of the Phase II Final Design Sampling activities conducted in June 2004 at the Red Panther Superfund Site in Clarksdale, Mississippi. The Final Design Sampling was conducted to collect composite soil samples from the 2-6' below land surface (bls) intervals and 6-10' bls intervals that require excavation. The purpose of the sampling was to determine the appropriate disposal methodology for the soils in Area B during the Phase II Removal. Additional sampling was also performed during the sampling event to evaluate surface soils in two drainage ditches bordering the site, the breezeway area in Area D, and the contents of a silo in Area D.

### 1.1 Background Information

The Red Panther Superfund site is located in Clarksdale, Coahoma County, Mississippi (Figure 1). The site occupies approximately 6.5 acres off Normandy Avenue and Patton Street, on the south side of the city of Clarksdale. The facility is bordered on the west by East Tallahatchie Avenue, to the south by Springer International, to the north by Graeber Brothers, and to the east by Normandy Avenue. Presently, Coahoma Inc. still uses a portion of the facility as a warehouse.

In 1999, the EPA Superfund Technical Assessment and Response Team (START) conducted surface and subsurface sampling at the site. The sampling effort focused on the drainage ditches (Area A), the former onsite septic tank and drain field (Area B), and the railroad spur located behind the facility at the loading dock area (Area C). Based on the results of the sampling, EPA concluded the site had been impacted by arsenic and organochlorine pesticides and their degradation products including toxaphene, 4,4'-DDT, chlordane, aldrin, dieldrin, endrin, and endosulfan II. Contamination was also found offsite in six drainage ditches.

The Administrative Order on Consent (AOC) between EPA Region IV and the Performing PRPs was finalized in September 2001. The constituents of concern (COCs) for the Red Panther site include arsenic, toxaphene, dieldrin, and total chlorinated pesticides (for surface soils only). The AOC required the work be performed in two Phases. Phase I consisted of the following four components:

- Excavation of surface soils from drainage ditches between the Red Panther property boundaries and Route 49 and the disposal or temporary stockpiling of the excavated material,
- Characterization of onsite soils and the remaining ditch soils,
- Design of Phase II removal activities, and

- Preparation of a Phase II Work Plan detailing additional removal tasks necessary to complete the requirements of the AOC.

Phase II of the removal action consists of the onsite soil removal activities.

In 2001, the PRPs retained Newfields and URS to prepare a Phase I Removal Action Work Plan, including a Sampling and Analysis Plan (SAP), Quality Assurance Project Plan (QAPP), Site Safety and Health Plan (SSHP), and to ascertain acceptable surface and subsurface soil performance standards prior to conducting the Phase I Removal Action at the facility. The Phase I Work Plan was submitted to EPA Region IV on May 24, 2002 and was subsequently approved on September 4, 2002.

Ditch soil characterization work was performed in June 2002 in accordance with the work plan. Soil samples were collected from six drainage ditches that border or are directly affected by runoff drainage from the site. Composite soil samples were collected from the 0-1 and 1-2 foot interval bls and analyzed for total chlorinated pesticides and arsenic. In August 2002, a technical memo was prepared and submitted to EPA Region IV requesting several modifications to the Phase I Work Plan based on the results of the ditch characterization sampling. Specifically, the modifications involved addressing Ditches 5 and 6 under the Phase II Work Plan instead of Phase I, installing a security fence around Ditches 5 and 6 to prevent public access, and establishing eight soil sampling grids in Ditches 5 and 6. EPA Region IV approved the modifications as part of the original work plan. A revised schedule was submitted to EPA in October 2002, based on the results of the ditch characterization sampling to extend the due date of the Site Soil Characterization report. EPA Region IV approved this request on October 30, 2002.

The Phase I Removal Action was performed in November and December of 2002. During the Removal Action approximately 825 tons of soil was removed from the offsite Ditches 1, 2, 3, and 4. The excavated soils were disposed offsite as a nonhazardous waste at the Waste Management, Robinson (Tunica) Mississippi, Subtitle D landfill. After the soils were removed, confirmation soil sampling was performed to determine if the ditches met the subsurface soil performance standards. Based on the confirmation analytical data, Ditches 3 and 4 met the subsurface soil performance standards and were subsequently backfilled. A portion of Ditch 1 (65 feet) still exceeds the subsurface soil standards for toxaphene and dieldrin. This portion of the ditch was also backfilled, and the soils exceeding the performance standards will be addressed in the Phase II Work Plan. The Phase I Removal Action was documented in a report entitled Phase I Removal Action (dated March 18, 2003). The report was submitted to EPA and approved on April 10, 2003.

In December 2002, URS performed the soil characterization, which consisted of sampling the



surface and subsurface soils and analyzing the samples for the site constituents of concern (COCs). This report (Report Phase I Soil Characterization, March 18, 2003) was submitted to EPA in March 2003 and approved on April 10, 2003.

In July 2003, Newfields submitted a Phase II Preliminary Design Work Plan to EPA Region IV. The Phase II Preliminary Design Work Plan presented the preliminary excavation cutlines based on the site characterization data, a Performance Standards Verification Plan to confirm achievement of the project performance standards, and the supplemental sampling to be performed to confirm the lateral boundaries of the excavation cutlines and further characterization of the site soils for disposal purposes. On November 14, 2003 EPA Region IV provided comments on the Phase II Preliminary Design Work Plan based upon EPA's site visit in October 2003. On December 15, 2003, the PRP's responses to EPA's November 14, 2003 comments were forwarded to EPA. On January 16, 2004, a conference call was held between EPA, Newfields, and URS to discuss the response to comments on the Draft Phase II Preliminary Design Work Plan and implementation of the Supplemental Sampling. EPA subsequently issued a letter on February 13, 2004 documenting any remaining EPA issues or comments on the Phase II Work Plan and the approval of the Supplemental Sampling.

In February of 2004 URS performed the Supplemental Sampling which consisted of collecting additional soil samples to confirm the lateral boundaries of the excavation cutlines in Areas B, C, and D, evaluation and sampling of the 8 ASTs in the Area B Tank Farm, and collecting composite soil samples from Areas B, C, and D for assessment of the soils management and disposal final design. The results of this sampling was presented in a report entitled "*Phase II Supplemental Sampling Draft Report, Red Panther Site, Clarksdale, Mississippi*" dated May 13, 2004.

On June 2, 2004 a meeting was held between representatives of EPA, Alston & Bird, Newfields, and URS to review the February 2004 Supplemental Sampling results and to finalize a schedule for the Phase II Removal. The results of the meeting were documented in a letter to EPA dated June 11, 2004.

In June 2004, URS performed the Phase II Final Design Sampling, which included TCLP testing of the subsurface soils (soils greater than 2 feet below land surface) in Area B, additional ditch sampling east and south of the facility, and sampling of the "breezeway" and the contents of the silo in Area D. Specifically, 7 subsurface TCLP samples were collected in Area B where the soils exceeded the performance standards and require excavation. The TCLP samples were collected from the 2-6 foot bls interval and 6-10 foot bls interval of the planned excavations in Area B. The samples were analyzed for the complete list of TCLP parameters and for total RCRA metals, VOC, and SVOCs to evaluate the disposal options for these soils. The samples collected from the breezeway and the two drainage ditches were analyzed for the surface soil



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COCs for comparison to the performance standards. This report presents the results of the Final Design Sampling.

## 2.0 PHASE II FINAL DESIGN SAMPLING

### 2.1 Purpose

The scope of work for the Phase II Final Design Sampling included the following:

- collecting additional TCLP composite soil samples from the subsurface soils in Area B to evaluate the disposal options for these soils, and
- collecting surface soil samples from the breezeway area in Area D and from two drainage ditches bordering the eastern and southern portions of the site to evaluate if these soils exceeded the surface soil performance standards.

### 2.2 Phase II Final Design Sampling Activities

The Phase II Final Design Sampling activities were performed from June 28, 2004 to June 29, 2004. All sampling was performed in accordance with the Phase II Preliminary Design Work Plan. All sampling equipment and DPT equipment was decontaminated in accordance with the procedures outlined in the SAP and QAPP. The investigative derived waste generated during the investigation was containerized and stored onsite, pending disposal during the Phase II Removal Action.

Prior to the start of the sampling, URS marked the sample locations. URS retained W.L Burle Engineers Inc. to install the soil borings utilizing a DPT rig and to survey the boring locations at the completion of the Phase II Final Design Sampling. Atlanta Environmental Services (AES) performed the laboratory analysis of the samples.

### 2.3 TCLP Sampling

Seven soil intervals in Area B requiring excavation were individually sampled during the TCLP sampling event (TCLP 14 2-6', AB TCLP 14 6-10', AB TCLP 15 2-6', AB TCLP 16 2-6'', AB TCLP 17 2-6', AB TCLP 17 2-6', AB TCLP 6-10', and AB TCLP 18 2-6'). A composite of the seven intervals was formed and analyzed prior to analyzing the individual samples. The composite TCLP sample was formed by compositing the aliquots from each of the seven soil intervals into one sample (AB TCLP Comp). The remaining aliquot from each individual sample was then utilized to form a sample for that interval. The TCLP samples were submitted to AES in Atlanta, Georgia for analytical testing of total VOCs, SVOCs, chlorinated pesticides, RCRA metals and TCLP testing for VOCs, SVOCs, pesticides, herbicides, and RCRA metals.

The composite sample (AB TCLP Comp) was analyzed first and the individual samples placed

on hold at the laboratory pending the results of the composite sample. After the results of the composite sample indicated the TCLP regulatory limits for arsenic (5.0 mg/L) were exceeded, the individual samples were released from hold for analysis.

The analytical results for the TCLP samples are presented on Table 1 and shown on Figure 2. A copy of the analytical data is provided in Appendix A. The TCLP analytical results for the individual intervals were compared to the regulatory limits to evaluate which soils may be designated a characteristic hazardous waste if excavated. The analytical results from Area B indicated that five of the seven samples (AB TCLP 14 2-6', AB TCLP 14 6-10', AB TCLP 15 2-6', AB TCLP 16 2-6', and AB TCLP 17 6-10') exceeded the TCLP regulatory limits for arsenic and would be classified as a characteristic waste.

After evaluating the TCLP data, the totals data for the samples exceeding the TCLP regulatory limits were compared to the Universal Treatment Standards (UTS). If a material is designated as a hazardous waste by TCLP testing, then the underlying constituents in the waste must be evaluated to determine if treatment for any underlying constituents is required. If an underlying constituent exceeds ten times its UTS then the waste would have to be treated for that constituent (in addition to the constituent failing TCLP) until the concentration is less than ten times the UTS before the soils could be landfilled.

Review of the TCLP and totals data indicates the UTS for underlying constituents were not exceeded in the five composite samples that exceeded the TCLP regulatory limits for arsenic.

## 2.4 Additional Sampling

DPT borings were installed in the drainage ditch east of Normandy Avenue and in the drainage ditch south of the former Sasse Street, which forms the southern border of Area D. Two DPTs were installed in each ditch (Figure 3) to evaluate the surface soils (0-2' bls). Soil samples were collected from these borings at 0-2' bls. Surface soil sampling was also performed in the breezeway area in Area D. Two surface soil samples (0-1' bls) were collected from the soils in the breezeway. One sample was collected from the eastern side and one from the western side of the breezeway. The silo in Area D was sampled to evaluate the contents for disposal during the Phase II Removal.

The surface soil samples were collected and handled using standard sampling protocol procedures as outlined in the SAP and QAPP. A URS Engineer logged the borings and the soils classified according to the Unified Soil Classification System. Copies of the boring logs are included in Appendix A. The soil samples were submitted to AES in Atlanta, Georgia for analytical testing. The soil samples from the drainage ditches and the breezeway were analyzed for the surface soil COCs arsenic by EPA Method 6010 and dieldrin, toxaphene, and total

chlorinated pesticides by EPA Method 8081A. The silo sample was submitted for TCLP and VOCs, SVOCs, and RCRA metals analysis.

The analytical results of the surface soil samples are presented on Table 2. A copy of the chain-of-custodies and the analytical data are provided in Appendix C. The analytical results for the COCs (arsenic, dieldrin, toxaphene, and total chlorinated pesticides) in the ditches and the breezeway are shown on Figure 3. The analytical results for the silo sample are presented on table 1 and shown on Figure 2. The analytical results of the silo sample indicate the contents are nonhazardous and only contained low concentrations of toluene.

## **2.5 Investigative Derived Waste**

All decontamination fluids were collected and stored onsite in 55-gallon drums. These drums were properly labeled identifying the contents of the drums. The drums are stored in Area B inside the fenced-in area. The soil cuttings generated from the installation of the soil borings were stored along with soil stockpiled from Ditch 1. The drums of decontamination fluids and the soil cuttings will be disposed of offsite during Phase II Removal



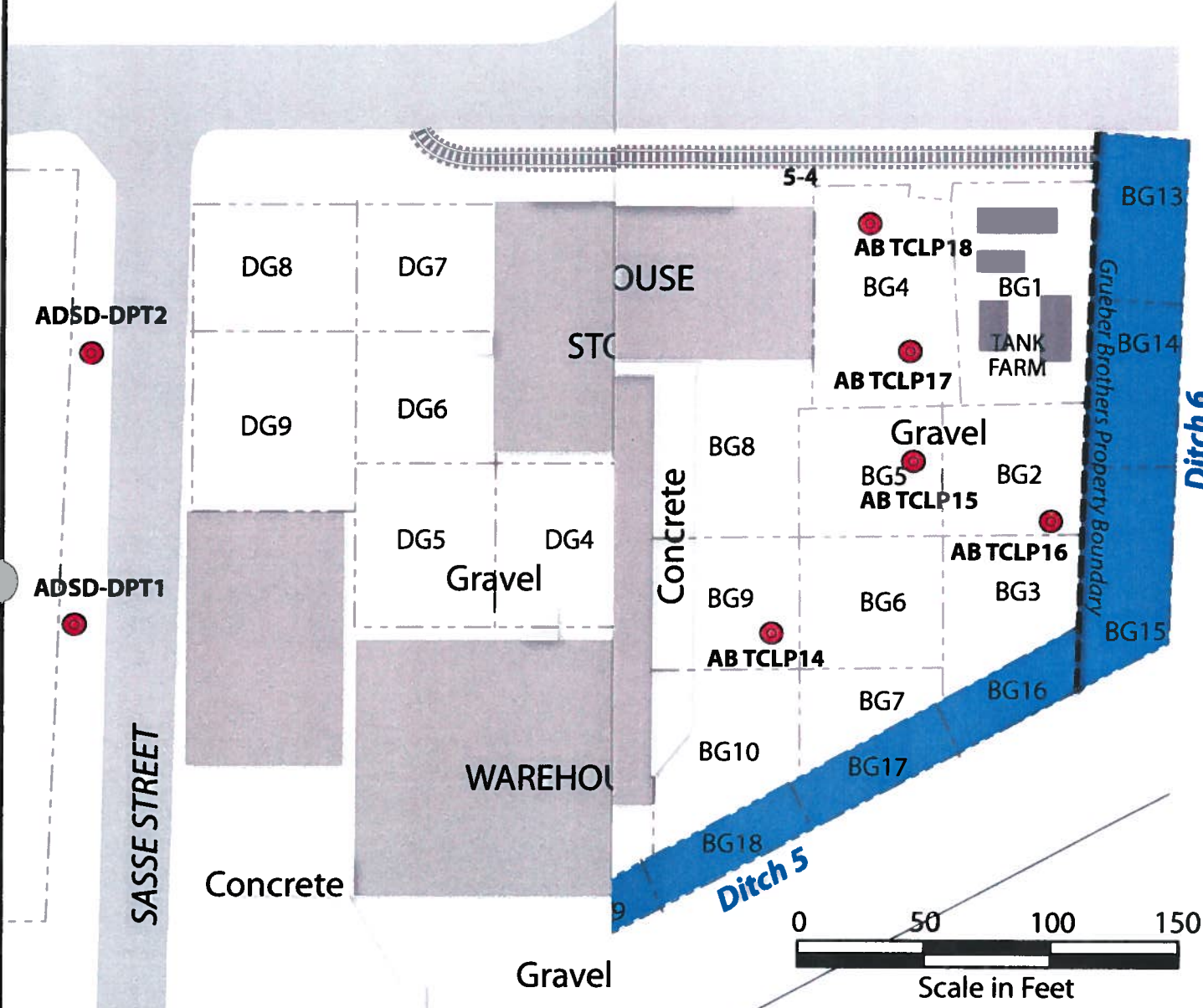
Constituent		P 17 2-6 (Area A and B)	AB TCLP 17 6-10 (Area B)	AB TCLP 18 2-6 (Area B)	Area D Silo
<b>Total Pesticides</b>		<b>8081A</b>			
	4,4' -DDD	0.012	0.0053	BRL	BRL
	4,4' -DDE	0.061	0.016	BRL	BRL
	4,4' - DDT	BRL	0.01	BRL	BRL
	aldrin	BRL	BRL	BRL	BRL
	a-BHC	BRL	BRL	0.003	BRL
	alpha-chlordane	BRL	BRL	BRL	BRL
	b-BHC	BRL	BRL	0.0056	BRL
	d-BHC	BRL	BRL	BRL	BRL
	Dieldrin	BRL	0.033	BRL	BRL
	Endosulfan I	BRL	BRL	BRL	BRL
	Endosulfan II	BRL	BRL	BRL	BRL
	Endosulfan sulfate	BRL	BRL	BRL	BRL
	Endrin	BRL	BRL	BRL	BRL
	Endrin aldehyde	BRL	BRL	BRL	BRL
	Endrin Ketone	BRL	BRL	BRL	BRL
	g-BHC (Lindane)	BRL	BRL	BRL	BRL
	gamma-chlordane	BRL	BRL	BRL	BRL
	Heptachlor	BRL	BRL	BRL	BRL
	Heptachlor epoxide	BRL	BRL	BRL	BRL
	Methoxychlor	BRL	BRL	BRL	BRL
	Toxaphene	BRL	0.140	BRL	BRL
<b>Total VOCs</b>		<b>8260B</b>			
	acetone	BRL	BRL	BRL	BRL
	benzene	BRL	BRL	BRL	BRL
	chloroform	BRL	BRL	BRL	BRL
	chlorobenzene	BRL	BRL	BRL	BRL
	cyclohexane	BRL	BRL	BRL	BRL
	m,p-xylene	2.70	8.10	1.90	BRL
	o-xylene	19.00	6.10	1.30	BRL
	ethylbenzene	0.40	1.80	0.22	BRL
	toluene	BRL	0.18	BRL	4.4
	isopropylbenzene	1.40	0.36	BRL	BRL
	methylcyclohexane	BRL	BRL	BRL	BRL
	1,2,4-trichlorobenzene	BRL	BRL	BRL	BRL
	1,2-dichlorobenzene	BRL	BRL	BRL	BRL
	1,3-dichlorobenzene	BRL	BRL	BRL	BRL
	1,4-dichlorobenzene	BRL	BRL	BRL	BRL
<b>Total SVOCs</b>		<b>8270C</b>			
	atrazine	BRL	BRL	BRL	BRL
	bis(2-ethylhexyl)phthalate	BRL	BRL	BRL	BRL
	2-methylnaphthalene	BRL	BRL	BRL	BRL
	naphthalene	BRL	BRL	BRL	BRL
	phenol	BRL	BRL	BRL	BRL
	4-Nitrophenol	BRL	BRL	BRL	BRL
	hexachlorobutadiene	BRL	BRL	BRL	BRL
	methylcyclohexane	BRL	BRL	BRL	BRL
<b>Total Metals</b>		<b>6010B</b>			
	arsenic	240.0	568.0	183.0	BRL
	barium	212.0	262.0	175.0	15
	cadmium	BRL	BRL	BRL	BRL
	chromium	11.60	17.90	21.90	24
	lead	11.90	12.40	11.50	8.9
	selenium	BRL	BRL	BRL	BRL
	silver	BRL	BRL	BRL	BRL
	mercury	BRL	BRL	BRL	BRL

Constituent		P 17 2-6 (Area A and B)	AB TCLP 17 6-10 (Area B)	AB TCLP 18 2-6 (Area B)	Area D Silo
<b>TCLP Analytical Results</b>		<b>6010B/8260/827</b>			
<b>TCLP Volatiles</b>		BRL	BRL	BRL	BRL
<b>TCLP Semivolatiles</b>		BRL	BRL	BRL	BRL
<b>TCLP Pesticides and Herbicides</b>					
	2,4,5-TP Silvex	BRL	BRL	BRL	BRL
	2,4-D	BRL	BRL	BRL	BRL
	chlordane	BRL	BRL	BRL	BRL
	endrin	BRL	BRL	BRL	BRL
	gamma-BHC (lindane)	BRL	BRL	BRL	BRL
	heptachlor	BRL	BRL	BRL	BRL
	methoxychlor	BRL	BRL	BRL	BRL
	toxaphene	BRL	BRL	BRL	BRL
<b>TCLP Metals</b>					
	Arsenic	1.13	<b>5.630</b>	0.724	BRL
	barium	0.674	0.756	BRL	BRL
	cadmium	BRL	BRL	BRL	BRL
	chromium	BRL	BRL	BRL	BRL
	lead	BRL	BRL	BRL	BRL
	selenium	BRL	BRL	BRL	BRL
	silver	BRL	BRL	BRL	BRL
<b>Hazardous Waste</b>		No	Yes	No	No
<b>Waste Code</b>			D004		
<b>COCs Exceeding 10X LDR</b>		NA	No	NA	NA
<b>Note:</b>					
Universal Treatment Standard applies to hazardous waste					
* Universal Treatment Standard for metals is listed under TCLP values					
Bolded value exceeds standard					
mg/kg - milligrams per kilogram.					
mg/L - milligrams per liter					
NA - Not Analyzed					
NS - No Standard					
BRL - Below Laboratory Reporting Limits					



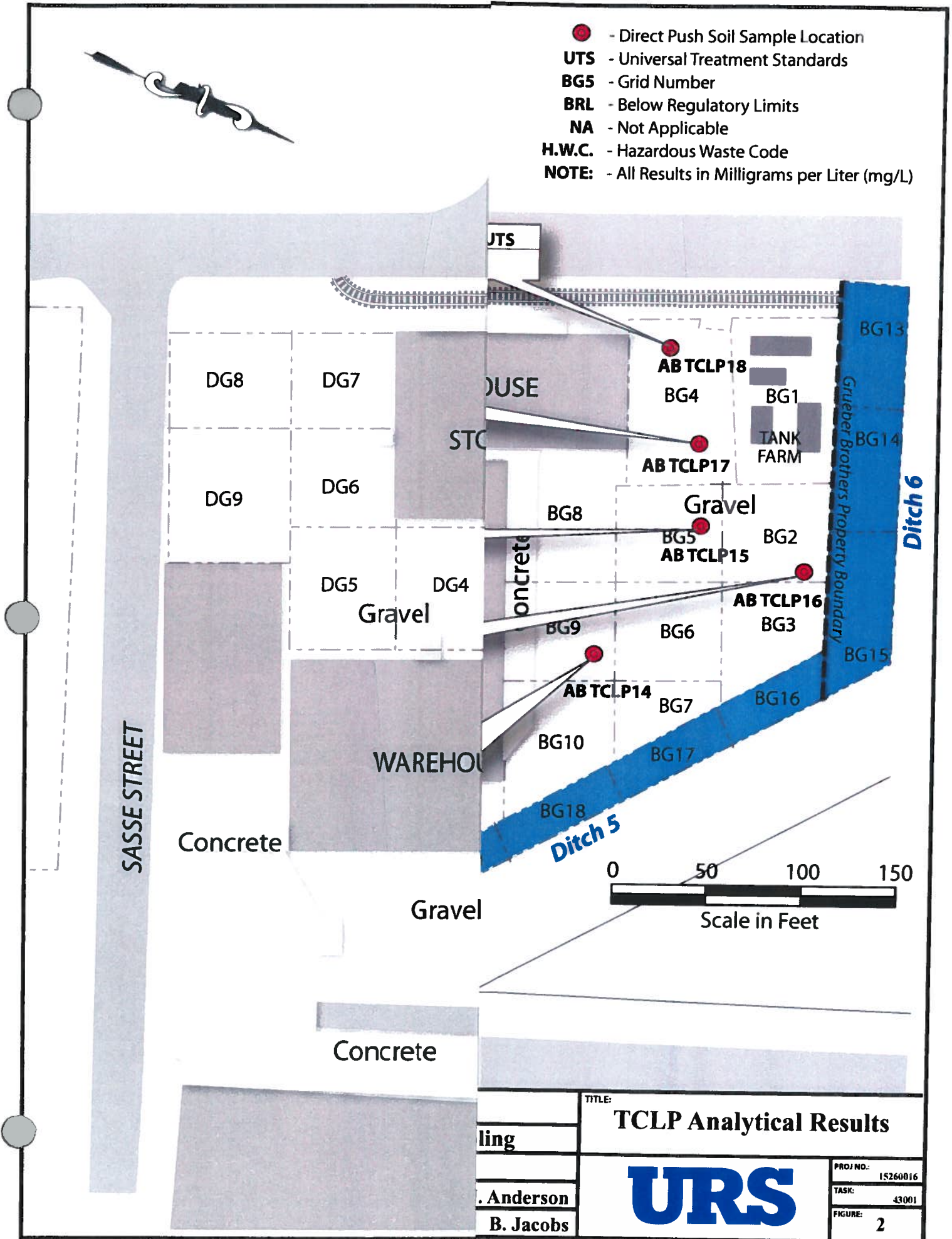
		ay East	Breezeway West
Constituent		Analytical Meth	0-1
<b>Pesticides</b>			
	4,4' -DDD	L	1,300
	4,4' -DDE	L	BRL
	4,4' - DDT	0	9,900
	aldrin	L	BRL
	a-BHC	L	BRL
	alpha-chlordane	L	BRL
	b-BHC	L	BRL
	d-BHC	L	BRL
	Dieldrin	0	620
	Endosulfan I	L	BRL
	Endosulfan II	L	BRL
	Endosulfan sulfate	L	BRL
	Endrin	L	BRL
	Endrin aldehyde	L	BRL
	Endrin Ketone	L	BRL
	g-BHC (Lindane)	L	BRL
	gamma-chlordane	L	BRL
	Heptachlor	L	BRL
	Heptachlor epoxide	L	BRL
	Methoxychlor	L	BRL
	Toxaphene	L	12,000
<b>Total Pesticides</b>		40	23,820
<b>Metals</b>			
		<b>6010B</b>	
	Arsenic	4	755
<b>Note:</b>			
ug/kg - micrograms per kilogram			
mg/kg - milligrams per kilogram.			
BRL - Below Laboratory Reporting Limit			





TITLE:		<b>Sample Locations</b>	
J. Anderson		<b>URS</b>	PROJ NO.: 15260016
B. Jacobs			TASK: 43001
			FIGURE: 1

- - Direct Push Soil Sample Location
- UTS - Universal Treatment Standards
- BG5 - Grid Number
- BRL - Below Regulatory Limits
- NA - Not Applicable
- H.W.C. - Hazardous Waste Code
- NOTE: - All Results in Milligrams per Liter (mg/L)



TITLE: <b>TCLP Analytical Results</b>		PROJ NO.: 15260016
URS		TASK: 43001
. Anderson B. Jacobs		FIGURE: 2



- - Direct Push Soil Sample Location
- BRL** - Below Regulatory Limits
- NA** - Not Applicable
- NOTE:** - All Results in Milligrams per Kilogram (mg/kg)

**ADSD-DPT2**

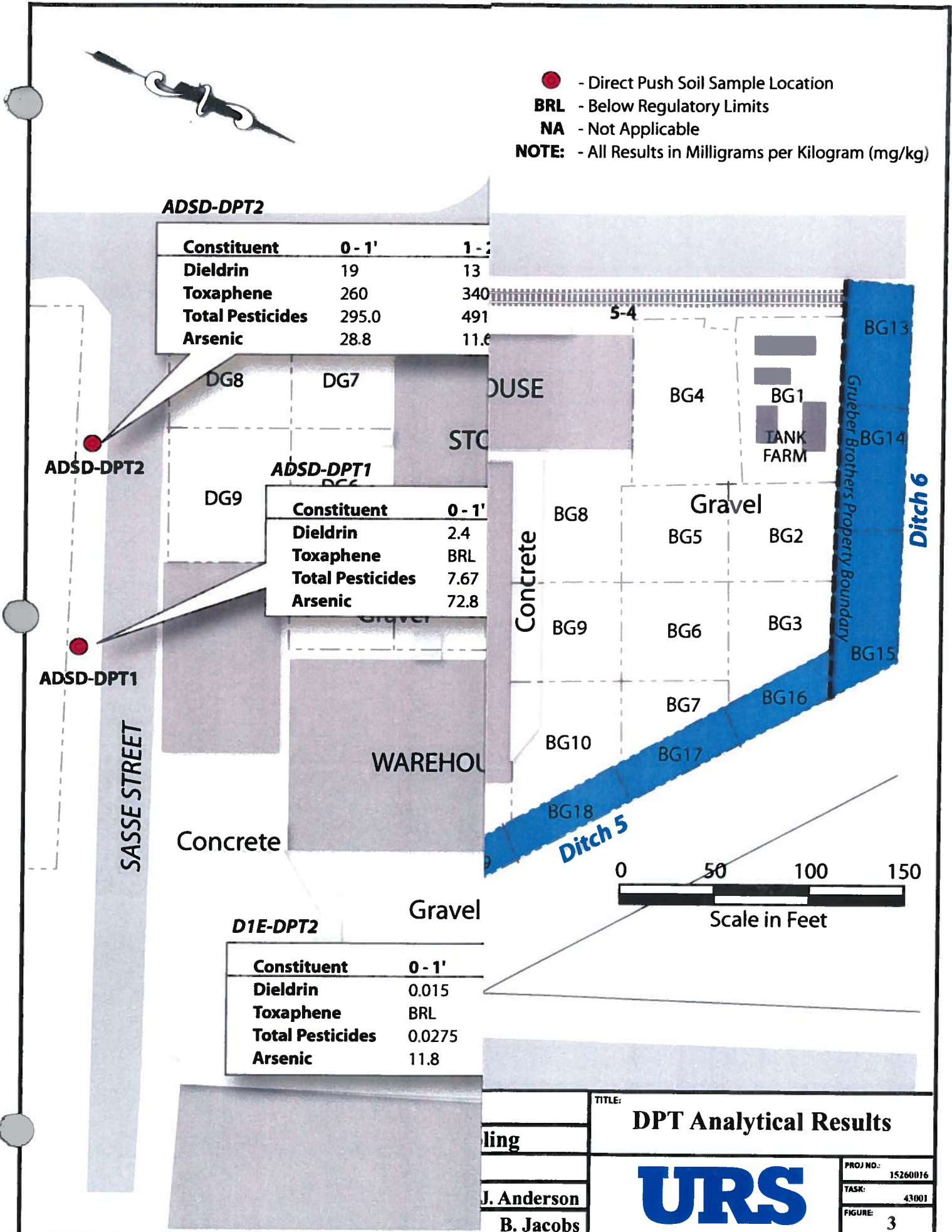
Constituent	0 - 1'	1 - 2'
Dieldrin	19	13
Toxaphene	260	340
Total Pesticides	295.0	491
Arsenic	28.8	11.8


**ADSD-DPT1**

Constituent	0 - 1'
Dieldrin	2.4
Toxaphene	BRL
Total Pesticides	7.67
Arsenic	72.8

**D1E-DPT2**

Constituent	0 - 1'
Dieldrin	0.015
Toxaphene	BRL
Total Pesticides	0.0275
Arsenic	11.8



TITLE: <b>DPT Analytical Results</b>	
J. Anderson B. Jacobs	
PROJ NO.: 15260016	TASK: 43001
FIGURE: 3	



**Appendix A**

**Phase II Final Design Sampling  
Soil Boring Logs**



# URS

## BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 15260016 BORING/WELL NUMBER D1E DPT -1  
 PROJECT NAME Red Panther DATE DRILLED 6/28/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burie Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		21	CORE 1					GRASS cover, with topsoil, 6" of standing water. CLAYEY SILT; some very fine sand, dark brownish gray, moist, soft to firm.	
						ML		grades lighter brown Collected composite sample, 0 - 1' bgs for As, Total Pesticides.	
								Geoprobe terminated at 2' bgs. Composite sample collected, 1 - 2' bgs for As, Total Pesticides.	

# URS

## BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 15260016 BORING/WELL NUMBER D1E DPT -2  
 PROJECT NAME Red Panther DATE DRILLED 6/28/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burie Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		24	CORE 1					GRASS cover, with wet topsoil SILTY CLAY; dark gray grading to brown and light gray, soft to firm grades soft, moist, low plasticity Collected composite sample from 0 to 1' bgs for As, Total Pesticides. SILTY SAND to SANDY SILT; very fine grained sand, gray to medium brown, medium dense, moist to wet. Collected composite sample from 1' to 2' bgs for As, Total Pesticides.	
								Geoprobe terminated at 4' bgs	

# URS

## BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 15260016 BORING/WELL NUMBER ADSD DPT-1  
 PROJECT NAME Red Panther DATE DRILLED 6/28/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burt Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		32	CORE 1					GRASS cover, with wet topsoil and roots, standing water.	
						ML		SANDY SILT; very fine grained sand, trace of fine orange gravel, dark gray to light brown, medium dense, moist, some odor. Collected composite sample from 0 to 1' bgs for As, Total Pesticides.	
						SM		SILTY SAND; very fine grained, light brown and gray, soft to medium dense, moist, pesticide odor.	
								Geoprobe terminated at 4' bgs Collected composite sample from 1 to 2' bgs for As, Total Pesticides.	

# URS

## BORINGWELL CONSTRUCTION LOG









PROJECT NUMBER 15260016 BORINGWELL NUMBER ADSD DPT-2  
 PROJECT NAME Red Panther DATE DRILLED 6/28/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burle Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		36	CORE 1					GRASS cover, with sandy topsoil, roots, fine gravel. Pesticide odor.	
						ML		SILT lens; soft, dark gray	
						ML		SANDY SILT; very fine grained sand, dark gray, dry. Collected composite sample, 0 - 1' bgs for As, Total Pesticides.	
						ML		CLAYEY SILT; medium brown and gray, moist, stiff. Pesticide odor throughout boring.	
								Geoprobe terminated at 4' bgs. Composite sample collected, 1 - 2' bgs for As, Total Pesticides.	

BORING\_WELL\_RP06\_4.GPJ DM\_ATLNT.GDT 7/17/04

## BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 15260016 BORING/WELL NUMBER AB TCLP-14  
 PROJECT NAME Red Panther DATE DRILLED 6/28/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burle Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		36	CORE 1					CONCRETE slab, with gravel base.	
						SP		SAND; fine grained, gray.	
						ML		SILT; with fine gravel, dark brown to black, dry, firm	
						ML		SANDY SILT; very fine grained, gray to medium brown, stiff, dry.	
		48	CORE 2		5	ML		CLAYEY SILT; brownish gray to medium brown, soft, moist, non plastic, very strong pesticide odor. Collected composite sample from 2' to 6' bgs for TCLP Metals, Pesticides, VOCs, SVOCs.	
								grades mottled light gray and orange-brown, soft, wet, increasing clay content.	
								CLAY; high plasticity, stiff to very stiff, gray with orange-brown mottles, perched water zone at 6.5' bgs.	▽
		24	CORE 3			CH		grades blue-gray with orange stringers, very stiff, strong pesticide odor. Collected composite sample from 6' to 10' bgs for TCLP Metals, Pesticides, VOCs, SVOCs.	
					10			Geoprobe terminated at 10' bgs. NOTE: drilled two holes side by side to allow enough material for composite sample.	

BORING WELL REPORT GPJ\_DM\_ATLNT.GDT 7/17/04

## BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 15260016 BORING/WELL NUMBER AB TCLP-15  
 PROJECT NAME Red Panther DATE DRILLED 6/28/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burle Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		48	CORE 1					SAND AND GRAVEL cover, hard-packed, gravelly medium grained sand, orange and brown, fine to coarse gravel	
						SP		SAND; fine grained, medium brown, loose, dry.	
						ML		SANDY SILT; very fine grained, dark gray to dark brown, dry, firm, crumbly, <b>strong pesticide odor.</b>	
								grades with increasing silt, less sand, orange-brown and gray	
		48	CORE 2			CL		SILTY CLAY; soft to firm, moist, low plasticity, mottled gray and orange brown, <b>strong pesticide odor.</b>	
					5			wet at 6' bgs, perched water zone	▽
						CH		Collected composite sample from 2' to 6' bgs for TCLP Metals, Pesticides, VOCs, SVOCs. CLAY; high plasticity, stiff to very stiff, mottled gray and orange brown	
								Geoprobe terminated at 8' bgs NOTE: drilled two holes side by side to allow enough material for composite sample.	

# URS

## BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 15260016 BORING/WELL NUMBER AB TCLP-16  
 PROJECT NAME Red Panther DATE DRILLED 6/29/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burle Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		48	CORE 1					SAND AND GRAVEL cover, hard-packed, gravelly medium grained sand, gray, fine to coarse gravel	
						SP		SAND; fine grained, with fine gravel, dark orange, loose, dry.	
						ML		SANDY SILT; very fine grained, trace of clay, dark gray to dark brown, dry, stiff, strong odor. <b>White lenses of buried product to 2.5' bgs.</b>	
		48	CORE 2					grades with increasing clay content, sand grades out, light gray, soft SILTY CLAY; stiff, moist, low plasticity, mottled gray and orange brown, strong pesticide odor.	
					5	CL		Collected composite sample from 2' to 6' bgs for TCLP Metals, Pesticides, VOCs, SVOCs.	
						CH		CLAY; high plasticity, stiff to very stiff, mottled gray and orange brown	
								Geoprobe terminated at 8' bgs NOTE: drilled two holes side by side to allow enough material for composite sample.	



## BORING/WELL CONSTRUCTION LOG

PROJECT NUMBER 15260016 BORING/WELL NUMBER AB TCLP-17  
 PROJECT NAME Red Panther DATE DRILLED 6/29/04  
 LOCATION Clarksdale, MS CASING TYPE/DIAMETER N/A  
 DRILLING METHOD Geoprobe, John Deere Tractor Mounted, Direct Push SCREEN TYPE/SLOT N/A  
 SAMPLING METHOD 4' Macro, Acetate Liner GRAVEL PACK TYPE N/A  
 GROUND ELEVATION \_\_\_\_\_ GROUT TYPE/QUANTITY N/A  
 TOP OF CASING \_\_\_\_\_ DEPTH TO WATER \_\_\_\_\_  
 LOGGED BY M. Allard GROUND WATER ELEVATION \_\_\_\_\_  
 REMARKS Drilled by Burle Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		30	CORE 1					CONCRETE slab, with gravel base.	
								NO RECOVERY; trace of orange and tan sand, fine gravel.	
						ML		CLAYEY SILT; dark gray to black, soft, wet, non plastic, <b>pesticide odor</b> .	
						ML		SILT; with very fine sand, zone of fine gravel, wet, some odor.	
								SILTY CLAY; firm, moist, low plasticity, dark greenish gray.	
		32	CORE 2		5	CL		grades with medium brown mottling, moist, firm, some odor.	
								Collected composite sample from 2' to 6' bgs for TCLP Metals, Pesticides, VOCs, SVOCs.	
		24	CORE 3			CH		CLAY; high plasticity, stiff to very stiff, gray with orange-brown mottles, perched water zone at 6.5' bgs. grades blue-gray with orange stringers, very stiff, <b>strong pesticide odor</b> . Collected composite sample from 6' to 10' bgs for TCLP Metals, Pesticides, VOCs, SVOCs.	
					10			Geoprobe terminated at 10' bgs. NOTE: drilled two holes side by side to allow enough material for composite sample.	

BORING WELL REPORT GPJ DM ATLNT GDT 7/17/04

## BORING/WELL CONSTRUCTION LOG

**PROJECT NUMBER** 15260016 **BORING/WELL NUMBER** AB TCLP-18  
**PROJECT NAME** Red Panther **DATE DRILLED** 6/29/04  
**LOCATION** Clarksdale, MS **CASING TYPE/DIAMETER** N/A  
**DRILLING METHOD** Geoprobe, John Deere Tractor Mounted, Direct Push **SCREEN TYPE/SLOT** N/A  
**SAMPLING METHOD** 4' Macro, Acetate Liner **GRAVEL PACK TYPE** N/A  
**GROUND ELEVATION** \_\_\_\_\_ **GROUT TYPE/QUANTITY** N/A  
**TOP OF CASING** \_\_\_\_\_ **DEPTH TO WATER** \_\_\_\_\_  
**LOGGED BY** M. Allard **GROUND WATER ELEVATION** \_\_\_\_\_  
**REMARKS** Drilled by Burle Engineers, Inc.

PID (ppm)	BLOW COUNTS	RECOVERY (inches)	SAMPLE ID.	INTERVAL	DEPTH (ft. BGL)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	ELEVATION (feet)
		32	CORE 1					CONCRETE slab, with gravel base.	
								NO RECOVERY; trace of orange and gray sand, fine gravel.	
						ML		CLAYEY SILT; some fine sand, dark brownish gray, firm, dry, non plastic, somewhat crumbly pesticide odor.	
		36	CORE 2		5	CL		SILTY CLAY; firm, dry to moist, low plasticity, mottled olive gray and orange-brown, some odor. grades to light gray with orange-brown mottling, some odor. Perched water zone at 6.5' bgs. Collected composite sample from 2' to 6' bgs for TCLP Metals, Pesticides, VOCs, SVOCs.	▽
						CH		CLAY; high plasticity, stiff to very stiff, gray with orange-brown mottles.	
								Geoprobe terminated at 8' bgs. NOTE: drilled two holes side by side to allow enough material for composite sample.	



**Appendix B**

**Phase II Final Design Sampling  
Area B TCLP Analytical Data**



AES

July 16, 2004

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Brent Jacobs  
URS  
400 Northpark Town Center  
1000 Abernathy Road Nor  
Atlanta, GA 30328

TEL: (678) 808-8915

FAX (678) 808-8400

RE: Red Panthers Pesticide Site

Order No.: 0407035

Dear Brent Jacobs:

Analytical Environmental Services, Inc. received 10 samples on 7/1/2004 9:55:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:

-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.

-AIHA Certification number 505 for analysis of Air, Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 131 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell  
Project Manager

**CLIENT:** URS  
**Project:** Red Panthers Pesticide Site  
**Lab Order:** 0407035

**CASE NARRATIVE**

---

Per Brent Jacobs request on 07/09/04, multiple samples and fractions were taken off hold for additional analyses. All additional parameters will be analyzed at standard turnaround time per client request. Client requested Full TCLP, Volatile, Semivolatile, 8 RCRA Metals, and Pesticide analyses for all samples with sample ID "TCLP."

**Sample Receipt Non-Conformance:**

A Trip Blank was provided but is not listed on the COC. Per client and project history, trip blank will be analyzed.

One vial was received broken for each sample: "AB TCLP 18 2-6", "AB TCLP Comp".

**Metals Analysis by Method 6010B:**

Matrix spike recoveries for barium and lead on sample 0407058-002B were outside control limits biased low. LCS recovery was within control limits indicating possible matrix interference.

Matrix spike recoveries for arsenic and selenium on sample 0407035-009C were outside control limits biased low. LCS recovery was within control limits indicating possible matrix interference.

**Volatile Organic Compounds Analysis by Method 1311:**

Percent recovery for the surrogate spiking compound 4-Bromofluorobenzene on sample 0407035-006D was outside control limits biased high due to suspected matrix interference. All other surrogate recoveries were within control limits.

**Semi Volatile Organics Analysis by Method 8270C:**

LCS-47390 recovery for pentachlorophenol was outside control limits biased high. Target analyte was not detected in the analytical samples and data is reportable with high bias.

Matrix spike recoveries for four spiking compounds and two surrogate compounds on sample 0407035-009B were outside control limits biased low due to matrix interference. LCS recovery was within control limits except as described above.

Matrix spike duplicate recoveries for three spiking compounds and one surrogate compound on sample 0407035-009B were outside control limits biased low due to matrix interference. LCS recovery was within control limits except as described above.

**Volatile Organic Compounds Analysis by Method 8260B:**

**CLIENT:** URS  
**Project:** Red Panthers Pesticide Site  
**Lab Order:** 0407035

## CASE NARRATIVE

Due to sample matrix, samples 0407035-001A, -003A, -004A, -005A, and -006A required dilution during preparation and/or analysis resulting in elevated reporting limits.

### Pesticide Analysis by Method 8081:

Due to sample matrix interference, samples 0407035-006B, -007A, -008A, -009B, -009BMS and -009BMSD required dilution during analysis resulting in elevated reporting limits, and surrogate and spiking compound recoveries outside control limits.

Dieldrin value for the QC sample 0406F09-006BMS is "E" qualified indicating an estimated value over linear calibration range due to the level of target analyte present in the unspiked sample.

"NC" (Not Confirmed) qualifier indicates tentative target compound ID due to >40% relative percent difference between primary and confirmation column. SW-846 requires that the highest value be reported and the data qualified when significant disagreement between columns occurs.

Percent recovery for the surrogate spiking compounds Decachlorobiphenyl and Tetrachloro-m-xylene on sample 0407035-002 was outside control limits biased low due to suspected matrix interference. All other surrogate recoveries were within control limits.

### Herbicide Analysis by Method 8151:

Due to sample matrix interference, samples 0407035-009B, -009BMS and -009BMSD required dilution during analysis resulting in elevated reporting limits and surrogate and spiking compound recoveries outside control limits.



#	SAMPLE ID	ADDRESS:		DATE	TIME	Grab	Composite	Matrix (See codes)	REMARKS	No # of Containers
		URS Atlanta	On File							
		PHONE: 770 630 0913	FAX: 678 808 8400							
		SAMPLED BY: Brent Jacobs	SIGNATURE: <i>Brent Jacobs</i>							
AB TCLP 15	2-6	6/29/04	0820	X	S				Prep + Hold	10
AB TCLP 16	2-6	6/29/04	0915	X	S				Prep + Hold	10
AB TCLP 17	2-6	6/29/04	1015	X	S				Prep + Hold	10
AB TCLP 17	6-10	6/29/04	1030	X	S				Prep + Hold	10
AB TCLP 18	2-6	6/29/04	1140	X	S				Prep + Hold	10
AB TCLP Comp		6/29/04	1200	X	S					10
Drainway East		6/29/04	1430	X	S					2
Drainway West		6/29/04	1505	X	S					2
Silo Area D		6/29/04	1545	X	0				Maybe product	8

RELINQUISHED BY	DATE TIME RECEIVED BY	DATE TIME	PROJECT INFORMATION	RECEIPT
<i>Brent Jacobs</i>	7/1/04 0600	7/1/04 0955	PROJECT NAME: Red Panther	Total # of Containers
			PROJECT #:	Turnaround Time Request
			FAC ID#:	Standard 3-5 Business Days
			SITE ADDRESS:	Same Day Rush (auth req)
			PROJECT MANAGER: Brent Jacobs	Next Business Day Rush
			INVOICE TO: (IF DIFFERENT FROM ABOVE)	2 Business Day Rush
			On File	Other
				PROGRAM (see codes):
				DATA PACKAGE: I II III IV

SPECIAL INSTRUCTIONS COMMENTS:  
 \* Report on dry weight

QUOTE CONTRACT #:

MATRIX CODES: A - Air GW - Groundwater SE - Sediment SO - Soil SW - Surface Water W - Water (Blanks) O - Other (specify)

PRESERVATIVE CODES: H - Hydrochloric acid + ice I - Ice only N - Nitric acid + ice S - Sulfuric acid + ice O - Other (specify) NA - None

PROGRAM FLUST FLDC ALUSI INUST MSUST NCUST SCUST GAUST GACONV FICONY

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client URS Atlanta

Work Order Number 0407035

Checklist completed by Nyrene Babane Signature Date 7/1/04

Carrier name: FedEx  UPS  Courier  Client  US Mail  Other

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present

Custody seals intact on sample bottles? Yes  No  Not Present

Container/Temp Blank temperature in compliance? (4°C±2)\* Yes  No

Cooler #1 4.3°c Cooler #2 4.4°c Cooler #3 \_\_\_\_\_ Cooler #4 \_\_\_\_\_ Cooler #5 \_\_\_\_\_ Cooler #6 \_\_\_\_\_

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No  *7/1/04*

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Was TAT marked on the COC? Yes  No

Proceed with Standard TAT as per project history? Yes  No  Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes  No

Water - pH acceptable upon receipt? Yes  No  Not Applicable

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

See Case Narrative for resolution of the Non-Conformance.

\* Samples do not have to comply with the given range for certain parameters.

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-001

**Client Sample ID:** AB TCLP 15 2-6  
**Collection Date:** 6/29/2004 8:20:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A</b>		<b>(SW3510B)</b>		<b>Analyst: WDP</b>	
2,4,5-TP (Silvex)	0.049	0.0050		mg/L	47327	1	7/12/2004 8:45:00 PM
2,4-D	BRL	0.050		mg/L	47327	1	7/12/2004 8:45:00 PM
Surr: DCAA	82.4	22.8-136		%REC	47327	1	7/12/2004 8:45:00 PM
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A</b>		<b>(SW3510B)</b>		<b>Analyst: JMZ</b>	
Chlordane	BRL	0.010		mg/L	47326	1	7/2/2004 6:35:00 PM
Endrin	BRL	0.0010		mg/L	47326	1	7/2/2004 6:35:00 PM
gamma-BHC	BRL	0.00050		mg/L	47326	1	7/2/2004 6:35:00 PM
Heptachlor	BRL	0.00050		mg/L	47326	1	7/2/2004 6:35:00 PM
Methoxychlor	BRL	0.0050		mg/L	47326	1	7/2/2004 6:35:00 PM
Toxaphene	BRL	0.050		mg/L	47326	1	7/2/2004 6:35:00 PM
Surr: Decachlorobiphenyl	61.5	10-121		%REC	47326	1	7/2/2004 6:35:00 PM
Surr: Tetrachloro-m-xylene	116	10.9-125		%REC	47326	1	7/2/2004 6:35:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>				<b>Analyst: JMZ</b>	
4,4'-DDD	27	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
4,4'-DDE	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
4,4'-DDT	7.4	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Aldrin	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
alpha-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
alpha-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
beta-BHC	11	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
delta-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Dieldrin	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Endosulfan I	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Endosulfan II	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Endosulfan sulfate	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Endrin	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Endrin aldehyde	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Endrin ketone	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
gamma-BHC	BRL	4.3		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
gamma-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Heptachlor	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Heptachlor epoxide	BRL	2.2		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Methoxychlor	BRL	22		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Toxaphene	BRL	220		µg/Kg-dry	47539	1	7/15/2004 10:30:00 P
Surr: Decachlorobiphenyl	98.0	11.2-135		%REC	47539	1	7/15/2004 10:30:00 P
Surr: Tetrachloro-m-xylene	112	16.4-135		%REC	47539	1	7/15/2004 10:30:00 P
<b>MERCURY, TCLP</b>		<b>SW1311/7470A</b>		<b>(SW7470A)</b>		<b>Analyst: EM</b>	
Mercury	BRL	0.00400		mg/L	47670	1	7/14/2004 2:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-001

Client Sample ID: AB TCLP 15 2-6  
 Collection Date: 6/29/2004 8:20:00 AM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B</b>		<b>(SW3010A)</b>		Analyst: CDW	
Arsenic	21.1	0.250	*	mg/L	47333	1	7/2/2004 4:38:00 PM
Barium	BRL	0.500		mg/L	47333	1	7/2/2004 4:38:00 PM
Cadmium	BRL	0.0250		mg/L	47333	1	7/2/2004 4:38:00 PM
Chromium	BRL	0.0500		mg/L	47333	1	7/2/2004 4:38:00 PM
Lead	BRL	0.0500		mg/L	47333	1	7/2/2004 4:38:00 PM
Selenium	BRL	0.100		mg/L	47333	1	7/2/2004 4:38:00 PM
Silver	BRL	0.0250		mg/L	47333	1	7/2/2004 4:38:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		Analyst: CDW	
Arsenic	1530	5.29		mg/Kg-dry	47534	1	7/9/2004 11:42:00 PM
Barium	225	5.29		mg/Kg-dry	47534	1	7/9/2004 11:42:00 PM
Cadmium	BRL	2.65		mg/Kg-dry	47534	1	7/9/2004 11:42:00 PM
Chromium	17.0	2.65		mg/Kg-dry	47534	1	7/9/2004 11:42:00 PM
Lead	14.3	5.29		mg/Kg-dry	47534	1	7/9/2004 11:42:00 PM
Selenium	BRL	5.29		mg/Kg-dry	47534	1	7/9/2004 11:42:00 PM
Silver	BRL	2.65		mg/Kg-dry	47534	1	7/9/2004 11:42:00 PM
<b>TOTAL MERCURY</b>		<b>SW7471A</b>		<b>(SW7471A)</b>		Analyst: EM	
Mercury	BRL	0.116		mg/Kg-dry	47624	1	7/13/2004 10:30:00 A
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C</b>		<b>(SW3510)</b>		Analyst: YH	
1,4-Dichlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
2,4,5-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
2,4,6-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
2,4-Dinitrotoluene	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
Cresols, Total	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
Hexachlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
Hexachlorobutadiene	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
Hexachloroethane	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
m-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
Nitrobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
o-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
p-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
Pentachlorophenol	BRL	0.50		mg/L	47325	1	7/14/2004 2:27:00 PM
Pyridine	BRL	0.10		mg/L	47325	1	7/14/2004 2:27:00 PM
Surr: 2,4,6-Tribromophenol	89.0	19-124		%REC	47325	1	7/14/2004 2:27:00 PM
Surr: 2-Fluorobiphenyl	88.5	26-115		%REC	47325	1	7/14/2004 2:27:00 PM
Surr: 2-Fluorophenol	77.7	10-121		%REC	47325	1	7/14/2004 2:27:00 PM
Surr: 4-Terphenyl-d14	89.0	18-137		%REC	47325	1	7/14/2004 2:27:00 PM
Surr: Nitrobenzene-d5	88.5	15-120		%REC	47325	1	7/14/2004 2:27:00 PM
Surr: Phenol-d5	71.3	18-113		%REC	47325	1	7/14/2004 2:27:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-001

Client Sample ID: AB TCLP 15 2-6  
 Collection Date: 6/29/2004 8:20:00 AM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
1,1'-Biphenyl	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2,4,5-Trichlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2,4,6-Trichlorophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2,4-Dichlorophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2,4-Dimethylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2,4-Dinitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2,4-Dinitrotoluene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2,6-Dinitrotoluene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2-Chloronaphthalene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2-Chlorophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2-Methylnaphthalene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2-Methylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
2-Nitrophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
3,3'-Dichlorobenzidine	BRL	860		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
3-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4,6-Dinitro-2-methylphenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4-Bromophenyl phenyl ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4-Chloro-3-methylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4-Chloroaniline	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4-Chlorophenyl phenyl ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4-Methylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
4-Nitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Acenaphthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Acenaphthylene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Acetophenone	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Anthracene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Atrazine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Benz(a)anthracene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Benzaldehyde	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Benzo(a)pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Benzo(b)fluoranthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Benzo(g,h,i)perylene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Benzo(k)fluoranthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Bis(2-chloroethoxy)methane	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Bis(2-chloroethyl)ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Bis(2-chloroisopropyl)ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Bis(2-ethylhexyl)phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Butyl benzyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP 15 2-6  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 8:20:00 AM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-001 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
Caprolactam	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Carbazole	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Chrysene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Dibenz(a,h)anthracene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Dibenzofuran	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Diethyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Dimethyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
DI-n-butyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Di-n-octyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Fluoranthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Fluorene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Hexachlorobenzene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Hexachlorobutadiene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Hexachlorocyclopentadiene	BRL	850		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Hexachloroethane	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Indeno(1,2,3-cd)pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Isophorone	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Naphthalene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Nitrobenzene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
N-Nitrosodi-n-propylamine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
N-Nitrosodiphenylamine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Pentachlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Phenanthrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Phenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 5:54:00 PM
Surr: 2,4,6-Tribromophenol	88.0	35.5-131		%REC	47515	1	7/9/2004 5:54:00 PM
Surr: 2-Fluorobiphenyl	73.6	12.9-120		%REC	47515	1	7/9/2004 5:54:00 PM
Surr: 2-Fluorophenol	70.5	10-119		%REC	47515	1	7/9/2004 5:54:00 PM
Surr: 4-Terphenyl-d14	61.7	41.5-128		%REC	47515	1	7/9/2004 5:54:00 PM
Surr: Nitrobenzene-d5	70.5	10-121		%REC	47515	1	7/9/2004 5:54:00 PM
Surr: Phenol-d5	64.6	12.6-121		%REC	47515	1	7/9/2004 5:54:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>			<b>Analyst: TMP</b>
1,1-Dichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 1:45:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47510	20	7/9/2004 1:45:00 PM
2-Butanone	BRL	0.20		mg/L	47510	20	7/9/2004 1:45:00 PM
Benzene	BRL	0.10		mg/L	47510	20	7/9/2004 1:45:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47510	20	7/9/2004 1:45:00 PM
Chlorobenzene	BRL	0.10		mg/L	47510	20	7/9/2004 1:45:00 PM
Chloroform	BRL	0.10		mg/L	47510	20	7/9/2004 1:45:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 1:45:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit E Value above quantitation range  
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 N Analyte not NELAC certified P NELAC analyte certification pending  
 Rpt Limit Reporting Limit S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-001

**Client Sample ID:** AB TCLP 15 2-6  
**Collection Date:** 6/29/2004 8:20:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B (SW5030B)</b>		Analyst: TMP		
Trichloroethene	BRL	0.10	mg/L	47510	20	7/9/2004 1:45:00 PM
Vinyl chloride	BRL	0.040	mg/L	47510	20	7/9/2004 1:45:00 PM
Surr: 4-Bromofluorobenzene	101	63.1-121	%REC	47510	20	7/9/2004 1:45:00 PM
Surr: Dibromofluoromethane	99.0	69.5-126	%REC	47510	20	7/9/2004 1:45:00 PM
Surr: Toluene-d8	92.9	74.2-120	%REC	47510	20	7/9/2004 1:45:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>		Analyst: AD		
1,1,1-Trichloroethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,1,2,2-Tetrachloroethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,1,2-Trichloroethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,1-Dichloroethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,1-Dichloroethene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,2,4-Trichlorobenzene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,2-Dibromo-3-chloropropane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,2-Dibromoethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,2-Dichlorobenzene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,2-Dichloroethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,2-Dichloropropane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,3-Dichlorobenzene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
1,4-Dichlorobenzene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
2-Butanone	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
2-Hexanone	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
4-Methyl-2-pentanone	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Acetone	BRL	37000	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Benzene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Bromodichloromethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Bromoform	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Bromomethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Carbon disulfide	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Carbon tetrachloride	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Chlorobenzene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Chloroethane	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Chloroform	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Chloromethane	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
cis-1,2-Dichloroethene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
cis-1,3-Dichloropropene	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Cyclohexane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Dibromochloromethane	BRL	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Dichlorodifluoromethane	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Ethylbenzene	9500	1800	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Freon-113	BRL	3700	µg/Kg-dry	47602	500	7/12/2004 10:59:00 A

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	BRL Below Reporting Limit	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	N Analyte not NELAC certified	P NELAC analyte certification pending
	Rpt Limit Reporting Limit	S Spike Recovery outside accepted recovery limits



**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-001

Client Sample ID: AB TCLP 15 2-6  
 Collection Date: 6/29/2004 8:20:00 AM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>Analyst: AD</b>		
Isopropylbenzene	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
m,p-Xylene	44000	3700		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Methyl acetate	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Methyl tert-butyl ether	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Methylcyclohexane	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Methylene chloride	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
o-Xylene	13000	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Styrene	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Tetrachloroethene	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Toluene	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
trans-1,2-Dichloroethene	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
trans-1,3-Dichloropropene	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Trichloroethene	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Trichlorofluoromethane	BRL	1800		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Vinyl chloride	BRL	3700		µg/Kg-dry	47602	500	7/12/2004 10:59:00 A
Surr: 4-Bromofluorobenzene	107	65.3-133		%REC	47602	500	7/12/2004 10:59:00 A
Surr: Dibromofluoromethane	103	80.1-121		%REC	47602	500	7/12/2004 10:59:00 A
Surr: Toluene-d8	105	67.8-145		%REC	47602	500	7/12/2004 10:59:00 A
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	22.4	0		wt%		1	7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-002

**Client Sample ID:** AB TCLP 16 2-6  
**Collection Date:** 6/29/2004 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A</b>		<b>(SW3510B)</b>		<b>Analyst: WDP</b>	
2,4,5-TP (Silvex)	BRL	0.0050		mg/L	47327	1	7/12/2004 9:10:00 PM
2,4-D	BRL	0.050		mg/L	47327	1	7/12/2004 9:10:00 PM
Surr: DCAA	96.2	22.8-136		%REC	47327	1	7/12/2004 9:10:00 PM
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A</b>		<b>(SW3510B)</b>		<b>Analyst: JMZ</b>	
Chlordane	BRL	0.010		mg/L	47326	1	7/2/2004 7:04:00 PM
Endrin	BRL	0.0010		mg/L	47326	1	7/2/2004 7:04:00 PM
gamma-BHC	0.0038	0.00050		mg/L	47326	1	7/2/2004 7:04:00 PM
Heptachlor	BRL	0.00050		mg/L	47326	1	7/2/2004 7:04:00 PM
Methoxychlor	BRL	0.0050		mg/L	47326	1	7/2/2004 7:04:00 PM
Toxaphene	BRL	0.050		mg/L	47326	1	7/2/2004 7:04:00 PM
Surr: Decachlorobiphenyl	70.4	10-121		%REC	47326	1	7/2/2004 7:04:00 PM
Surr: Tetrachloro-m-xylene	103	10.9-125		%REC	47326	1	7/2/2004 7:04:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>				<b>Analyst: JMZ</b>	
4,4'-DDD	89	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
4,4'-DDE	60	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
4,4'-DDT	530	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Aldrin	BRL	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
alpha-BHC	410	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
alpha-Chlordane	58	23	NC	µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
beta-BHC	120	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
delta-BHC	95	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Dieldrin	BRL	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Endosulfan I	BRL	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Endosulfan II	BRL	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Endosulfan sulfate	BRL	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Endrin	BRL	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Endrin aldehyde	BRL	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Endrin ketone	BRL	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
gamma-BHC	140	45		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
gamma-Chlordane	33	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Heptachlor	BRL	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Heptachlor epoxide	BRL	23		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Methoxychlor	BRL	230		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Toxaphene	1400	910		µg/Kg-dry	47539	10	7/14/2004 7:17:00 PM
Surr: Decachlorobiphenyl	0	11.2-135	S	%REC	47539	10	7/14/2004 7:17:00 PM
Surr: Tetrachloro-m-xylene	0	16.4-135	S	%REC	47539	10	7/14/2004 7:17:00 PM
<b>MERCURY, TCLP</b>		<b>SW1311/7470A</b>		<b>(SW7470A)</b>		<b>Analyst: EM</b>	
Mercury	BRL	0.00400		mg/L	47670	1	7/14/2004 2:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-002

**Client Sample ID:** AB TCLP 16 2-6  
**Collection Date:** 6/29/2004 9:15:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B</b>		<b>(SW3010A)</b>		Analyst: CDW	
Arsenic	10.4	0.250	*	mg/L	47333	1	7/2/2004 4:42:00 PM
Barium	BRL	0.500		mg/L	47333	1	7/2/2004 4:42:00 PM
Cadmium	BRL	0.0250		mg/L	47333	1	7/2/2004 4:42:00 PM
Chromium	BRL	0.0500		mg/L	47333	1	7/2/2004 4:42:00 PM
Lead	BRL	0.0500		mg/L	47333	1	7/2/2004 4:42:00 PM
Selenium	BRL	0.100		mg/L	47333	1	7/2/2004 4:42:00 PM
Silver	BRL	0.0250		mg/L	47333	1	7/2/2004 4:42:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		Analyst: CDW	
Arsenic	858	5.44		mg/Kg-dry	47534	1	7/9/2004 11:46:00 PM
Barium	281	5.44		mg/Kg-dry	47534	1	7/9/2004 11:46:00 PM
Cadmium	BRL	2.72		mg/Kg-dry	47534	1	7/9/2004 11:46:00 PM
Chromium	24.8	2.72		mg/Kg-dry	47534	1	7/9/2004 11:46:00 PM
Lead	13.6	5.44		mg/Kg-dry	47534	1	7/9/2004 11:46:00 PM
Selenium	BRL	5.44		mg/Kg-dry	47534	1	7/9/2004 11:46:00 PM
Silver	BRL	2.72		mg/Kg-dry	47534	1	7/9/2004 11:46:00 PM
<b>TOTAL MERCURY</b>		<b>SW7471A</b>		<b>(SW7471A)</b>		Analyst: EM	
Mercury	BRL	0.124		mg/Kg-dry	47624	1	7/13/2004 10:30:00 A
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C</b>		<b>(SW3510)</b>		Analyst: YH	
1,4-Dichlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
2,4,5-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
2,4,6-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
2,4-Dinitrotoluene	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
Cresols, Total	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
Hexachlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
Hexachlorobutadiene	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
Hexachloroethane	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
m-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
Nitrobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
o-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
p-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
Pentachlorophenol	BRL	0.50		mg/L	47325	1	7/14/2004 3:05:00 PM
Pyridine	BRL	0.10		mg/L	47325	1	7/14/2004 3:05:00 PM
Surr: 2,4,6-Tribromophenol	91.8	19-124		%REC	47325	1	7/14/2004 3:05:00 PM
Surr: 2-Fluorobiphenyl	90.4	26-115		%REC	47325	1	7/14/2004 3:05:00 PM
Surr: 2-Fluorophenol	83.9	10-121		%REC	47325	1	7/14/2004 3:05:00 PM
Surr: 4-Terphenyl-d14	89.1	18-137		%REC	47325	1	7/14/2004 3:05:00 PM
Surr: Nitrobenzene-d5	91.3	15-120		%REC	47325	1	7/14/2004 3:05:00 PM
Surr: Phenol-d5	73.6	18-113		%REC	47325	1	7/14/2004 3:05:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-002

Client Sample ID: AB TCLP 16 2-6  
 Collection Date: 6/29/2004 9:15:00 AM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
1,1'-Biphenyl	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2,4,5-Trichlorophenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2,4,6-Trichlorophenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2,4-Dichlorophenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2,4-Dimethylphenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2,4-Dinitrophenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2,4-Dinitrotoluene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2,6-Dinitrotoluene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2-Chloronaphthalene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2-Chlorophenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2-Methylnaphthalene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2-Methylphenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2-Nitroaniline	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
2-Nitrophenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
3,3'-Dichlorobenzidine	BRL	910		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
3-Nitroaniline	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4,6-Dinitro-2-methylphenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4-Bromophenyl phenyl ether	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4-Chloro-3-methylphenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4-Chloroaniline	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4-Chlorophenyl phenyl ether	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4-Methylphenol	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4-Nitroaniline	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
4-Nitrophenol	6300	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Acenaphthene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Acenaphthylene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Acetophenone	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Anthracene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Atrazine	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Benz(a)anthracene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Benzaldehyde	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Benzo(a)pyrene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Benzo(b)fluoranthene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Benzo(g,h,i)perylene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Benzo(k)fluoranthene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Bis(2-chloroethoxy)methane	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Bis(2-chloroethyl)ether	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Bis(2-chloroisopropyl)ether	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Bis(2-ethylhexyl)phthalate	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Butyl benzyl phthalate	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM

Qualifiers: \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 Rpt Limit Reporting Limit  
 B Analyte detected in the associated Method Blank  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 P NELAC analyte certification pending  
 S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-002

Client Sample ID: AB TCLP 16 2-6  
 Collection Date: 6/29/2004 9:15:00 AM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			Analyst: YH
Caprolactam	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Carbazole	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Chrysene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Dibenz(a,h)anthracene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Dibenzofuran	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Diethyl phthalate	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Dimethyl phthalate	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Di-n-butyl phthalate	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Di-n-octyl phthalate	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Fluoranthene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Fluorene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Hexachlorobenzene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Hexachlorobutadiene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Hexachlorocyclopentadiene	BRL	890		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Hexachloroethane	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Indeno(1,2,3-cd)pyrene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Isophorone	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Naphthalene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Nitrobenzene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
N-Nitrosodi-n-propylamine	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
N-Nitrosodiphenylamine	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Pentachlorophenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Phenanthrene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Phenol	940	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Pyrene	BRL	450		µg/Kg-dry	47515	1	7/9/2004 6:32:00 PM
Surr: 2,4,6-Tribromophenol	104	35.5-131		%REC	47515	1	7/9/2004 6:32:00 PM
Surr: 2-Fluorobiphenyl	82.5	12.9-120		%REC	47515	1	7/9/2004 6:32:00 PM
Surr: 2-Fluorophenol	78.4	10-119		%REC	47515	1	7/9/2004 6:32:00 PM
Surr: 4-Terphenyl-d14	69.5	41.5-128		%REC	47515	1	7/9/2004 6:32:00 PM
Surr: Nitrobenzene-d5	79.5	10-121		%REC	47515	1	7/9/2004 6:32:00 PM
Surr: Phenol-d5	78.2	12.6-121		%REC	47515	1	7/9/2004 6:32:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>			Analyst: TMP
1,1-Dichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 2:12:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47510	20	7/9/2004 2:12:00 PM
2-Butanone	BRL	0.20		mg/L	47510	20	7/9/2004 2:12:00 PM
Benzene	BRL	0.10		mg/L	47510	20	7/9/2004 2:12:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47510	20	7/9/2004 2:12:00 PM
Chlorobenzene	BRL	0.10		mg/L	47510	20	7/9/2004 2:12:00 PM
Chloroform	BRL	0.10		mg/L	47510	20	7/9/2004 2:12:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 2:12:00 PM

Qualifiers: \* Value exceeds Maximum Contaminant Level  
 B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 N Analyte not NELAC certified  
 P NELAC analyte certification pending  
 Rpt Limit Reporting Limit  
 S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP 16 2-6  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 9:15:00 AM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-002 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B (SW5030B)</b>		<b>Analyst: TMP</b>		
Trichloroethene	BRL	0.10	mg/L	47510	20	7/9/2004 2:12:00 PM
Vinyl chloride	BRL	0.040	mg/L	47510	20	7/9/2004 2:12:00 PM
Surr: 4-Bromofluorobenzene	99.0	63.1-121	%REC	47510	20	7/9/2004 2:12:00 PM
Surr: Dibromofluoromethane	101	69.5-126	%REC	47510	20	7/9/2004 2:12:00 PM
Surr: Toluene-d8	95.5	74.2-120	%REC	47510	20	7/9/2004 2:12:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>		<b>Analyst: NWH</b>		
1,1,1-Trichloroethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,1,2,2-Tetrachloroethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,1,2-Trichloroethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,1-Dichloroethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,1-Dichloroethene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,2,4-Trichlorobenzene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,2-Dibromo-3-chloropropane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,2-Dibromoethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,2-Dichlorobenzene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,2-Dichloroethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,2-Dichloropropane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,3-Dichlorobenzene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
1,4-Dichlorobenzene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
2-Butanone	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
2-Hexanone	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
4-Methyl-2-pentanone	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Acetone	84	83	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Benzene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Bromodichloromethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Bromoform	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Bromomethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Carbon disulfide	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Carbon tetrachloride	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Chlorobenzene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Chloroethane	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Chloroform	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Chloromethane	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
cis-1,2-Dichloroethene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
cis-1,3-Dichloropropene	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Cyclohexane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Dibromochloromethane	BRL	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Dichlorodifluoromethane	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Ethylbenzene	4.8	4.1	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Freon-113	BRL	8.3	µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 Rpt Limit Reporting Limit  
 B Analyte detected in the associated Method Blank  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 P NELAC analyte certification pending  
 S Spike Recovery outside accepted recovery limits



**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-002

Client Sample ID: AB TCLP 16 2-6  
 Collection Date: 6/29/2004 9:15:00 AM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>Analyst: NWH</b>		
Isopropylbenzene	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
m,p-Xylene	17	8.3		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Methyl acetate	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Methyl tert-butyl ether	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Methylcyclohexane	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Methylene chloride	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
o-Xylene	27	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Styrene	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Tetrachloroethene	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Toluene	9.8	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
trans-1,2-Dichloroethene	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
trans-1,3-Dichloropropene	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Trichloroethene	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Trichlorofluoromethane	BRL	4.1		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Vinyl chloride	BRL	8.3		µg/Kg-dry	47532	1	7/12/2004 2:41:00 PM
Surr: 4-Bromofluorobenzene	68.7	65.3-133		%REC	47532	1	7/12/2004 2:41:00 PM
Surr: Dibromofluoromethane	96.6	80.1-121		%REC	47532	1	7/12/2004 2:41:00 PM
Surr: Toluene-d8	93.3	67.8-145		%REC	47532	1	7/12/2004 2:41:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	26.2	0		wt%		1	7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-003

**Client Sample ID:** AB TCLP 17 2-6  
**Collection Date:** 6/29/2004 10:15:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A (SW3510B)</b>		<b>Analyst: WDP</b>		
2,4,5-TP (Silvex)	BRL	0.0050	mg/L	47327	1	7/12/2004 9:36:00 PM
2,4-D	BRL	0.050	mg/L	47327	1	7/12/2004 9:36:00 PM
Surr: DCAA	79.4	22.8-136	%REC	47327	1	7/12/2004 9:36:00 PM
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A (SW3510B)</b>		<b>Analyst: JMZ</b>		
Chlordane	BRL	0.010	mg/L	47326	1	7/2/2004 9:58:00 PM
Endrin	BRL	0.0010	mg/L	47326	1	7/2/2004 9:58:00 PM
gamma-BHC	BRL	0.00050	mg/L	47326	1	7/2/2004 9:58:00 PM
Heptachlor	BRL	0.00050	mg/L	47326	1	7/2/2004 9:58:00 PM
Methoxychlor	BRL	0.0050	mg/L	47326	1	7/2/2004 9:58:00 PM
Toxaphene	BRL	0.050	mg/L	47326	1	7/2/2004 9:58:00 PM
Surr: Decachlorobiphenyl	66.7	10-121	%REC	47326	1	7/2/2004 9:58:00 PM
Surr: Tetrachloro-m-xylene	68.3	10.9-125	%REC	47326	1	7/2/2004 9:58:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		<b>Analyst: JMZ</b>		
4,4'-DDD	12	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
4,4'-DDE	61	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
4,4'-DDT	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Aldrin	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
alpha-BHC	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
alpha-Chlordane	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
beta-BHC	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
delta-BHC	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Dieldrin	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Endosulfan I	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Endosulfan II	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Endosulfan sulfate	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Endrin	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Endrin aldehyde	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Endrin ketone	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
gamma-BHC	BRL	4.2	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
gamma-Chlordane	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Heptachlor	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Heptachlor epoxide	BRL	2.1	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Methoxychlor	BRL	21	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Toxaphene	BRL	210	µg/Kg-dry	47539	1	7/15/2004 10:59:00 P
Surr: Decachlorobiphenyl	65.4	11.2-135	%REC	47539	1	7/15/2004 10:59:00 P
Surr: Tetrachloro-m-xylene	49.7	16.4-135	%REC	47539	1	7/15/2004 10:59:00 P
<b>MERCURY, TCLP</b>		<b>SW1311/7470A (SW7470A)</b>		<b>Analyst: EM</b>		
Mercury	BRL	0.00400	mg/L	47670	1	7/14/2004 2:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-003

**Client Sample ID:** AB TCLP 17 2-6  
**Collection Date:** 6/29/2004 10:15:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B (SW3010A)</b>		Analyst: CDW		
Arsenic	1.13	0.250	mg/L	47333	1	7/2/2004 5:15:00 PM
Barium	0.674	0.500	mg/L	47333	1	7/2/2004 5:15:00 PM
Cadmium	BRL	0.0250	mg/L	47333	1	7/2/2004 5:15:00 PM
Chromium	BRL	0.0500	mg/L	47333	1	7/2/2004 5:15:00 PM
Lead	BRL	0.0500	mg/L	47333	1	7/2/2004 5:15:00 PM
Selenium	BRL	0.100	mg/L	47333	1	7/2/2004 5:15:00 PM
Silver	BRL	0.0250	mg/L	47333	1	7/2/2004 5:15:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B (SW3050B)</b>		Analyst: CDW		
Arsenic	240	3.25	mg/Kg-dry	47534	1	7/9/2004 11:51:00 PM
Barium	212	3.25	mg/Kg-dry	47534	1	7/9/2004 11:51:00 PM
Cadmium	BRL	1.63	mg/Kg-dry	47534	1	7/9/2004 11:51:00 PM
Chromium	11.6	1.63	mg/Kg-dry	47534	1	7/9/2004 11:51:00 PM
Lead	11.9	3.25	mg/Kg-dry	47534	1	7/9/2004 11:51:00 PM
Selenium	BRL	3.25	mg/Kg-dry	47534	1	7/9/2004 11:51:00 PM
Silver	BRL	1.63	mg/Kg-dry	47534	1	7/9/2004 11:51:00 PM
<b>TOTAL MERCURY</b>		<b>SW7471A (SW7471A)</b>		Analyst: EM		
Mercury	BRL	0.112	mg/Kg-dry	47624	1	7/13/2004 10:30:00 A
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C (SW3510)</b>		Analyst: YH		
1,4-Dichlorobenzene	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
2,4,5-Trichlorophenol	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
2,4,6-Trichlorophenol	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
2,4-Dinitrotoluene	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
Cresols, Total	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
Hexachlorobenzene	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
Hexachlorobutadiene	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
Hexachloroethane	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
m-cresol	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
Nitrobenzene	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
o-cresol	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
p-cresol	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
Pentachlorophenol	BRL	0.50	mg/L	47325	1	7/14/2004 3:43:00 PM
Pyridine	BRL	0.10	mg/L	47325	1	7/14/2004 3:43:00 PM
Surr: 2,4,6-Tribromophenol	80.0	19-124	%REC	47325	1	7/14/2004 3:43:00 PM
Surr: 2-Fluorobiphenyl	87.1	26-115	%REC	47325	1	7/14/2004 3:43:00 PM
Surr: 2-Fluorophenol	78.5	10-121	%REC	47325	1	7/14/2004 3:43:00 PM
Surr: 4-Terphenyl-d14	86.6	18-137	%REC	47325	1	7/14/2004 3:43:00 PM
Surr: Nitrobenzene-d5	85.0	15-120	%REC	47325	1	7/14/2004 3:43:00 PM
Surr: Phenol-d5	69.0	18-113	%REC	47325	1	7/14/2004 3:43:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-003

Client Sample ID: AB TCLP 17 2-6  
 Collection Date: 6/29/2004 10:15:00 AM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>	<b>(SW3550A)</b>	<b>Analyst: YH</b>		
1,1'-Biphenyl	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2,4,5-Trichlorophenol	BRL	2100	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2,4,6-Trichlorophenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2,4-Dichlorophenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2,4-Dimethylphenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2,4-Dinitrophenol	BRL	2100	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2,4-Dinitrotoluene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2,6-Dinitrotoluene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2-Chloronaphthalene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2-Chlorophenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2-Methylnaphthalene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2-Methylphenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2-Nitroaniline	BRL	2100	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
2-Nitrophenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
3,3'-Dichlorobenzidine	BRL	850	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
3-Nitroaniline	BRL	2100	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4,6-Dinitro-2-methylphenol	BRL	2100	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4-Bromophenyl phenyl ether	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4-Chloro-3-methylphenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4-Chloroaniline	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4-Chlorophenyl phenyl ether	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4-Methylphenol	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4-Nitroaniline	BRL	2100	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
4-Nitrophenol	BRL	2100	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Acenaphthene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Acenaphthylene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Acetophenone	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Anthracene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Atrazine	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Benz(a)anthracene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Benzaldehyde	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Benzo(a)pyrene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Benzo(b)fluoranthene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Benzo(g,h,i)perylene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Benzo(k)fluoranthene	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Bis(2-chloroethoxy)methane	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Bis(2-chloroethyl)ether	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Bis(2-chloroisopropyl)ether	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Bis(2-ethylhexyl)phthalate	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Butyl benzyl phthalate	BRL	420	µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP 17 2-6  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 10:15:00 AM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-003 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>		<b>Analyst: YH</b>	
Caprolactam	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Carbazole	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Chrysene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Dibenz(a,h)anthracene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Dibenzofuran	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Diethyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Dimethyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Di-n-butyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Di-n-octyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Fluoranthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Fluorene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Hexachlorobenzene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Hexachlorobutadiene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Hexachlorocyclopentadiene	BRL	830		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Hexachloroethane	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Indeno(1,2,3-cd)pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Isophorone	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Naphthalene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Nitrobenzene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
N-Nitrosodi-n-propylamine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
N-Nitrosodiphenylamine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Pentachlorophenol	BRL	2100		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Phenanthrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Phenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 7:10:00 PM
Surr: 2,4,6-Tribromophenol	92.3	35.5-131		%REC	47515	1	7/9/2004 7:10:00 PM
Surr: 2-Fluorobiphenyl	75.0	12.9-120		%REC	47515	1	7/9/2004 7:10:00 PM
Surr: 2-Fluorophenol	71.6	10-119		%REC	47515	1	7/9/2004 7:10:00 PM
Surr: 4-Terphenyl-d14	66.0	41.5-128		%REC	47515	1	7/9/2004 7:10:00 PM
Surr: Nitrobenzene-d5	71.5	10-121		%REC	47515	1	7/9/2004 7:10:00 PM
Surr: Phenol-d5	69.1	12.6-121		%REC	47515	1	7/9/2004 7:10:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>		<b>Analyst: TMP</b>	
1,1-Dichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 2:40:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47510	20	7/9/2004 2:40:00 PM
2-Butanone	BRL	0.20		mg/L	47510	20	7/9/2004 2:40:00 PM
Benzene	BRL	0.10		mg/L	47510	20	7/9/2004 2:40:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47510	20	7/9/2004 2:40:00 PM
Chlorobenzene	BRL	0.10		mg/L	47510	20	7/9/2004 2:40:00 PM
Chloroform	BRL	0.10		mg/L	47510	20	7/9/2004 2:40:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 2:40:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 N Analyte not NELAC certified  
 P NELAC analyte certification pending  
 Rpt Limit Reporting Limit  
 S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-003

**Client Sample ID:** AB TCLP 17 2-6  
**Collection Date:** 6/29/2004 10:15:00 AM.

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B (SW5030B)</b>		<b>Analyst: TMP</b>		
Trichloroethene	BRL	0.10	mg/L	47510	20	7/9/2004 2:40:00 PM
Vinyl chloride	BRL	0.040	mg/L	47510	20	7/9/2004 2:40:00 PM
Surr: 4-Bromofluorobenzene	94.3	63.1-121	%REC	47510	20	7/9/2004 2:40:00 PM
Surr: Dibromofluoromethane	94.3	69.5-126	%REC	47510	20	7/9/2004 2:40:00 PM
Surr: Toluene-d8	95.3	74.2-120	%REC	47510	20	7/9/2004 2:40:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>		<b>Analyst: AD</b>		
1,1,1-Trichloroethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,1,2,2-Tetrachloroethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,1,2-Trichloroethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,1-Dichloroethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,1-Dichloroethene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,2,4-Trichlorobenzene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,2-Dibromo-3-chloropropane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,2-Dibromoethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,2-Dichlorobenzene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,2-Dichloroethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,2-Dichloropropane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,3-Dichlorobenzene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
1,4-Dichlorobenzene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
2-Butanone	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
2-Hexanone	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
4-Methyl-2-pentanone	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Acetone	BRL	3700	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Benzene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Bromodichloromethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Bromoform	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Bromomethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Carbon disulfide	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Carbon tetrachloride	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Chlorobenzene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Chloroethane	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Chloroform	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Chloromethane	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
cis-1,2-Dichloroethene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
cis-1,3-Dichloropropene	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Cyclohexane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Dibromochloromethane	BRL	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Dichlorodifluoromethane	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Ethylbenzene	400	190	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Freon-113	BRL	370	µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-003

Client Sample ID: AB TCLP 17 2-6  
 Collection Date: 6/29/2004 10:15:00 AM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>		<b>Analyst: AD</b>			
Isopropylbenzene	1400	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
m,p-Xylene	2700	370		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Methyl acetate	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Methyl tert-butyl ether	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Methylcyclohexane	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Methylene chloride	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
o-Xylene	19000	1900		µg/Kg-dry	47602	500	7/12/2004 12:20:00 P
Styrene	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Tetrachloroethene	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Toluene	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
trans-1,2-Dichloroethene	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
trans-1,3-Dichloropropene	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Trichloroethene	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Trichlorofluoromethane	BRL	190		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Vinyl chloride	BRL	370		µg/Kg-dry	47602	50	7/12/2004 2:36:00 PM
Surr: 4-Bromofluorobenzene	121	65.3-133		%REC	47602	50	7/12/2004 2:36:00 PM
Surr: 4-Bromofluorobenzene	106	65.3-133		%REC	47602	500	7/12/2004 12:20:00 P
Surr: Dibromofluoromethane	107	80.1-121		%REC	47602	50	7/12/2004 2:36:00 PM
Surr: Dibromofluoromethane	107	80.1-121		%REC	47602	500	7/12/2004 12:20:00 P
Surr: Toluene-d8	109	67.8-145		%REC	47602	50	7/12/2004 2:36:00 PM
Surr: Toluene-d8	108	67.8-145		%REC	47602	500	7/12/2004 12:20:00 P
<b>PERCENT MOISTURE</b>		<b>D2216</b>		<b>Analyst: AAN</b>			
Percent Moisture	20.8	0		wt%		1	7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-004

Client Sample ID: AB TCLP 17 6-10  
 Collection Date: 6/29/2004 10:30:00 AM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A</b>		<b>(SW3510B)</b>		Analyst: WDP	
2,4,5-TP (Silvex)	BRL	0.0050		mg/L	47327	1	7/12/2004 10:02:00 P
2,4-D	BRL	0.050		mg/L	47327	1	7/12/2004 10:02:00 P
Surr: DCAA	89.3	22.8-136		%REC	47327	1	7/12/2004 10:02:00 P
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A</b>		<b>(SW3510B)</b>		Analyst: JMZ	
Chlordane	BRL	0.010		mg/L	47326	1	7/2/2004 10:27:00 PM
Endrin	BRL	0.0010		mg/L	47326	1	7/2/2004 10:27:00 PM
gamma-BHC	BRL	0.00050		mg/L	47326	1	7/2/2004 10:27:00 PM
Heptachlor	BRL	0.00050		mg/L	47326	1	7/2/2004 10:27:00 PM
Methoxychlor	BRL	0.0050		mg/L	47326	1	7/2/2004 10:27:00 PM
Toxaphene	BRL	0.050		mg/L	47326	1	7/2/2004 10:27:00 PM
Surr: Decachlorobiphenyl	66.8	10-121		%REC	47326	1	7/2/2004 10:27:00 PM
Surr: Tetrachloro-m-xylene	64.0	10.9-125		%REC	47326	1	7/2/2004 10:27:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>				Analyst: JMZ	
4,4'-DDD	5.3	4.3	NC	µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
4,4'-DDE	16	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
4,4'-DDT	10	4.3	NC	µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Aldrin	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
alpha-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
alpha-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
beta-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
delta-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Dieldrin	33	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Endosulfan I	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Endosulfan II	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Endosulfan sulfate	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Endrin	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Endrin aldehyde	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Endrin ketone	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
gamma-BHC	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
gamma-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Heptachlor	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Heptachlor epoxide	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Methoxychlor	BRL	22		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Toxaphene	140	87		µg/Kg-dry	47539	1	7/14/2004 8:16:00 PM
Surr: Decachlorobiphenyl	73.6	11.2-135		%REC	47539	1	7/14/2004 8:16:00 PM
Surr: Tetrachloro-m-xylene	89.6	16.4-135		%REC	47539	1	7/14/2004 8:16:00 PM
<b>MERCURY, TCLP</b>		<b>SW1311/7470A</b>		<b>(SW7470A)</b>		Analyst: EM	
Mercury	BRL	0.00400		mg/L	47670	1	7/14/2004 2:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP 17 6-10  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 10:30:00 AM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-004 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B</b>		<b>(SW3010A)</b>		<b>Analyst: CDW</b>	
Arsenic	5.63	0.250	*	mg/L	47333	1	7/2/2004 5:21:00 PM
Barium	0.756	0.500		mg/L	47333	1	7/2/2004 5:21:00 PM
Cadmium	BRL	0.0250		mg/L	47333	1	7/2/2004 5:21:00 PM
Chromium	BRL	0.0500		mg/L	47333	1	7/2/2004 5:21:00 PM
Lead	BRL	0.0500		mg/L	47333	1	7/2/2004 5:21:00 PM
Selenium	BRL	0.100		mg/L	47333	1	7/2/2004 5:21:00 PM
Silver	BRL	0.0250		mg/L	47333	1	7/2/2004 5:21:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		<b>Analyst: CDW</b>	
Arsenic	568	5.91		mg/Kg-dry	47534	1	7/9/2004 11:55:00 PM
Barium	262	5.91		mg/Kg-dry	47534	1	7/9/2004 11:55:00 PM
Cadmium	BRL	2.95		mg/Kg-dry	47534	1	7/9/2004 11:55:00 PM
Chromium	17.9	2.95		mg/Kg-dry	47534	1	7/9/2004 11:55:00 PM
Lead	12.4	5.91		mg/Kg-dry	47534	1	7/9/2004 11:55:00 PM
Selenium	BRL	5.91		mg/Kg-dry	47534	1	7/9/2004 11:55:00 PM
Silver	BRL	2.95		mg/Kg-dry	47534	1	7/9/2004 11:55:00 PM
<b>TOTAL MERCURY</b>		<b>SW7471A</b>		<b>(SW7471A)</b>		<b>Analyst: EM</b>	
Mercury	BRL	0.118		mg/Kg-dry	47624	1	7/13/2004 10:30:00 A
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C</b>		<b>(SW3510)</b>		<b>Analyst: YH</b>	
1,4-Dichlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
2,4,5-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
2,4,6-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
2,4-Dinitrotoluene	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
Cresols, Total	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
Hexachlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
Hexachlorobutadiene	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
Hexachloroethane	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
m-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
Nitrobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
o-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
p-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
Pentachlorophenol	BRL	0.50		mg/L	47325	1	7/14/2004 4:22:00 PM
Pyridine	BRL	0.10		mg/L	47325	1	7/14/2004 4:22:00 PM
Surr: 2,4,6-Tribromophenol	89.7	19-124		%REC	47325	1	7/14/2004 4:22:00 PM
Surr: 2-Fluorobiphenyl	88.9	26-115		%REC	47325	1	7/14/2004 4:22:00 PM
Surr: 2-Fluorophenol	78.7	10-121		%REC	47325	1	7/14/2004 4:22:00 PM
Surr: 4-Terphenyl-d14	93.3	18-137		%REC	47325	1	7/14/2004 4:22:00 PM
Surr: Nitrobenzene-d5	90.5	15-120		%REC	47325	1	7/14/2004 4:22:00 PM
Surr: Phenol-d5	70.7	18-113		%REC	47325	1	7/14/2004 4:22:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level      B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 N Analyte not NELAC certified      P NELAC analyte certification pending  
 Rpt Limit Reporting Limit      S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP 17 6-10  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 10:30:00 AM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-004 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
1,1'-Biphenyl	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2,4,5-Trichlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2,4,6-Trichlorophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2,4-Dichlorophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2,4-Dimethylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2,4-Dinitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2,4-Dinitrotoluene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2,6-Dinitrotoluene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2-Chloronaphthalene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2-Chlorophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2-Methylnaphthalene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2-Methylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
2-Nitrophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
3,3'-Dichlorobenzidine	BRL	870		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
3-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4,6-Dinitro-2-methylphenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4-Bromophenyl phenyl ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4-Chloro-3-methylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4-Chloroaniline	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4-Chlorophenyl phenyl ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4-Methylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
4-Nitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Acenaphthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Acenaphthylene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Acetophenone	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Anthracene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Atrazine	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Benz(a)anthracene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Benzaldehyde	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Benzo(a)pyrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Benzo(b)fluoranthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Benzo(g,h,i)perylene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Benzo(k)fluoranthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Bis(2-chloroethoxy)methane	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Bis(2-chloroethyl)ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Bis(2-chloroisopropyl)ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Bis(2-ethylhexyl)phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Butyl benzyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit E Value above quantitation range  
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 N Analyte not NELAC certified P NELAC analyte certification pending  
 Rpt Limit Reporting Limit S Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-004

**Client Sample ID:** AB TCLP 17 6-10  
**Collection Date:** 6/29/2004 10:30:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>		<b>Analyst: YH</b>	
Caprolactam	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Carbazole	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Chrysene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Dibenz(a,h)anthracene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Dibenzofuran	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Diethyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Dimethyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Di-n-butyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Di-n-octyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Fluoranthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Fluorene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Hexachlorobenzene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Hexachlorobutadiene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Hexachlorocyclopentadiene	BRL	860		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Hexachloroethane	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Indeno(1,2,3-cd)pyrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Isophorone	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Naphthalene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Nitrobenzene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
N-Nitrosodi-n-propylamine	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
N-Nitrosodiphenylamine	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Pentachlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Phenanthrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Phenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Pyrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 7:48:00 PM
Surr: 2,4,6-Tribromophenol	90.6	35.5-131		%REC	47515	1	7/9/2004 7:48:00 PM
Surr: 2-Fluorobiphenyl	74.7	12.9-120		%REC	47515	1	7/9/2004 7:48:00 PM
Surr: 2-Fluorophenol	66.0	10-119		%REC	47515	1	7/9/2004 7:48:00 PM
Surr: 4-Terphenyl-d14	65.3	41.5-128		%REC	47515	1	7/9/2004 7:48:00 PM
Surr: Nitrobenzene-d5	71.4	10-121		%REC	47515	1	7/9/2004 7:48:00 PM
Surr: Phenol-d5	61.5	12.6-121		%REC	47515	1	7/9/2004 7:48:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>		<b>Analyst: TMP</b>	
1,1-Dichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 3:08:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47510	20	7/9/2004 3:08:00 PM
2-Butanone	BRL	0.20		mg/L	47510	20	7/9/2004 3:08:00 PM
Benzene	BRL	0.10		mg/L	47510	20	7/9/2004 3:08:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47510	20	7/9/2004 3:08:00 PM
Chlorobenzene	BRL	0.10		mg/L	47510	20	7/9/2004 3:08:00 PM
Chloroform	BRL	0.10		mg/L	47510	20	7/9/2004 3:08:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 3:08:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-004

**Client Sample ID:** AB TCLP 17 6-10  
**Collection Date:** 6/29/2004 10:30:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B (SW5030B)</b>		<b>Analyst: TMP</b>		
Trichloroethene	BRL	0.10	mg/L	47510	20	7/9/2004 3:08:00 PM
Vinyl chloride	BRL	0.040	mg/L	47510	20	7/9/2004 3:08:00 PM
Surr: 4-Bromofluorobenzene	93.8	63.1-121	%REC	47510	20	7/9/2004 3:08:00 PM
Surr: Dibromofluoromethane	98.7	69.5-126	%REC	47510	20	7/9/2004 3:08:00 PM
Surr: Toluene-d8	99.2	74.2-120	%REC	47510	20	7/9/2004 3:08:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>		<b>Analyst: AD</b>		
1,1,1-Trichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,1,2,2-Tetrachloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,1,2-Trichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,1-Dichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,1-Dichloroethene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,2,4-Trichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,2-Dibromo-3-chloropropane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,2-Dibromoethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,2-Dichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,2-Dichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,2-Dichloropropane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,3-Dichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
1,4-Dichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
2-Butanone	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
2-Hexanone	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
4-Methyl-2-pentanone	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Acetone	BRL	3500	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Benzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Bromodichloromethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Bromoform	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Bromomethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Carbon disulfide	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Carbon tetrachloride	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Chlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Chloroethane	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Chloroform	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Chloromethane	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
cis-1,2-Dichloroethene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
cis-1,3-Dichloropropene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Cyclohexane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Dibromochloromethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Dichlorodifluoromethane	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Ethylbenzene	1800	170	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Freon-113	BRL	350	µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-004

Client Sample ID: AB TCLP 17 6-10  
 Collection Date: 6/29/2004 10:30:00 AM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>		<b>Analyst: AD</b>			
Isopropylbenzene	360	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
m,p-Xylene	8100	350		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Methyl acetate	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Methyl tert-butyl ether	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Methylcyclohexane	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Methylene chloride	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
o-Xylene	6100	1700		µg/Kg-dry	47602	500	7/12/2004 11:53:00 A
Styrene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Tetrachloroethene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Toluene	180	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
trans-1,2-Dichloroethene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
trans-1,3-Dichloropropene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Trichloroethene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Trichlorofluoromethane	BRL	170		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Vinyl chloride	BRL	350		µg/Kg-dry	47602	50	7/12/2004 1:42:00 PM
Surr: 4-Bromofluorobenzene	119	65.3-133		%REC	47602	50	7/12/2004 1:42:00 PM
Surr: 4-Bromofluorobenzene	103	65.3-133		%REC	47602	500	7/12/2004 11:53:00 A
Surr: Dibromofluoromethane	109	80.1-121		%REC	47602	50	7/12/2004 1:42:00 PM
Surr: Dibromofluoromethane	103	80.1-121		%REC	47602	500	7/12/2004 11:53:00 A
Surr: Toluene-d8	111	67.8-145		%REC	47602	50	7/12/2004 1:42:00 PM
Surr: Toluene-d8	107	67.8-145		%REC	47602	500	7/12/2004 11:53:00 A
<b>PERCENT MOISTURE</b>		<b>D2216</b>		<b>Analyst: AAN</b>			
Percent Moisture	23.2	0		wt%		1	7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-005

**Client Sample ID:** AB TCLP 18 2-6  
**Collection Date:** 6/29/2004 11:40:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A (SW3510B)</b>		<b>Analyst: WDP</b>		
2,4,5-TP (Silvex)	BRL	0.0050	mg/L	47327	1	7/12/2004 10:28:00 P
2,4-D	BRL	0.050	mg/L	47327	1	7/12/2004 10:28:00 P
Surr: DCAA	84.0	22.8-136	%REC	47327	1	7/12/2004 10:28:00 P
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A (SW3510B)</b>		<b>Analyst: JMZ</b>		
Chlordane	BRL	0.010	mg/L	47326	1	7/2/2004 10:57:00 PM
Endrin	BRL	0.0010	mg/L	47326	1	7/2/2004 10:57:00 PM
gamma-BHC	BRL	0.00050	mg/L	47326	1	7/2/2004 10:57:00 PM
Heptachlor	BRL	0.00050	mg/L	47326	1	7/2/2004 10:57:00 PM
Methoxychlor	BRL	0.0050	mg/L	47326	1	7/2/2004 10:57:00 PM
Toxaphene	BRL	0.050	mg/L	47326	1	7/2/2004 10:57:00 PM
Surr: Decachlorobiphenyl	67.0	10-121	%REC	47326	1	7/2/2004 10:57:00 PM
Surr: Tetrachloro-m-xylene	69.1	10.9-125	%REC	47326	1	7/2/2004 10:57:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		<b>Analyst: JMZ</b>		
4,4'-DDD	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
4,4'-DDE	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
4,4'-DDT	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Aldrin	BRL	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
alpha-BHC	3.0	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
alpha-Chlordane	BRL	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
beta-BHC	5.6	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
delta-BHC	BRL	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Dieldrin	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Endosulfan I	BRL	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Endosulfan II	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Endosulfan sulfate	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Endrin	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Endrin aldehyde	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Endrin ketone	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
gamma-BHC	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
gamma-Chlordane	BRL	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Heptachlor	BRL	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Heptachlor epoxide	BRL	2.2	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Methoxychlor	BRL	22	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Toxaphene	BRL	220	µg/Kg-dry	47539	1	7/14/2004 8:45:00 PM
Surr: Decachlorobiphenyl	67.6	11.2-135	%REC	47539	1	7/14/2004 8:45:00 PM
Surr: Tetrachloro-m-xylene	57.3	16.4-135	%REC	47539	1	7/14/2004 8:45:00 PM
<b>MERCURY, TCLP</b>		<b>SW1311/7470A (SW7470A)</b>		<b>Analyst: EM</b>		
Mercury	BRL	0.00400	mg/L	47670	1	7/14/2004 2:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP 18 2-6  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 11:40:00 AM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-005 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B (SW3010A)</b>		<b>Analyst: CDW</b>		
Arsenic	0.724	0.250	mg/L	47333	1	7/2/2004 5:26:00 PM
Barium	BRL	0.500	mg/L	47333	1	7/2/2004 5:26:00 PM
Cadmium	BRL	0.0250	mg/L	47333	1	7/2/2004 5:26:00 PM
Chromium	BRL	0.0500	mg/L	47333	1	7/2/2004 5:26:00 PM
Lead	BRL	0.0500	mg/L	47333	1	7/2/2004 5:26:00 PM
Selenium	BRL	0.100	mg/L	47333	1	7/2/2004 5:26:00 PM
Silver	BRL	0.0250	mg/L	47333	1	7/2/2004 5:26:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B (SW3050B)</b>		<b>Analyst: CDW</b>		
Arsenic	183	5.05	mg/Kg-dry	47534	1	7/10/2004
Barium	175	5.05	mg/Kg-dry	47534	1	7/10/2004
Cadmium	BRL	2.52	mg/Kg-dry	47534	1	7/10/2004
Chromium	21.9	2.52	mg/Kg-dry	47534	1	7/10/2004
Lead	11.5	5.05	mg/Kg-dry	47534	1	7/10/2004
Selenium	BRL	5.05	mg/Kg-dry	47534	1	7/10/2004
Silver	BRL	2.52	mg/Kg-dry	47534	1	7/10/2004
<b>TOTAL MERCURY</b>		<b>SW7471A (SW7471A)</b>		<b>Analyst: EM</b>		
Mercury	BRL	0.124	mg/Kg-dry	47624	1	7/13/2004 10:30:00 A
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C (SW3510)</b>		<b>Analyst: YH</b>		
1,4-Dichlorobenzene	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
2,4,5-Trichlorophenol	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
2,4,6-Trichlorophenol	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
2,4-Dinitrotoluene	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
Cresols, Total	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
Hexachlorobenzene	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
Hexachlorobutadiene	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
Hexachloroethane	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
m-cresol	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
Nitrobenzene	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
o-cresol	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
p-cresol	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
Pentachlorophenol	BRL	0.50	mg/L	47325	1	7/14/2004 5:00:00 PV
Pyridine	BRL	0.10	mg/L	47325	1	7/14/2004 5:00:00 PV
Surr: 2,4,6-Tribromophenol	82.6	19-124	%REC	47325	1	7/14/2004 5:00:00 PV
Surr: 2-Fluorobiphenyl	90.1	26-115	%REC	47325	1	7/14/2004 5:00:00 PV
Surr: 2-Fluorophenol	84.1	10-121	%REC	47325	1	7/14/2004 5:00:00 PV
Surr: 4-Terphenyl-d14	90.6	18-137	%REC	47325	1	7/14/2004 5:00:00 PV
Surr: Nitrobenzene-d5	92.8	15-120	%REC	47325	1	7/14/2004 5:00:00 PV
Surr: Phenol-d5	74.6	18-113	%REC	47325	1	7/14/2004 5:00:00 PV

**Qualifiers:** \* Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit E Value above quantitation range  
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 N Analyte not NELAC certified P NELAC analyte certification pending  
 Rpt Limit Reporting Limit S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-005

**Client Sample ID:** AB TCLP 18 2-6  
**Collection Date:** 6/29/2004 11:40:00 AM.

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
1,1'-Biphenyl	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2,4,5-Trichlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2,4,6-Trichlorophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2,4-Dichlorophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2,4-Dimethylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2,4-Dinitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2,4-Dinitrotoluene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2,6-Dinitrotoluene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2-Chloronaphthalene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2-Chlorophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2-Methylnaphthalene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2-Methylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
2-Nitrophenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
3,3'-Dichlorobenzidine	BRL	860		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
3-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4,6-Dinitro-2-methylphenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4-Bromophenyl phenyl ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4-Chloro-3-methylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4-Chloroaniline	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4-Chlorophenyl phenyl ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4-Methylphenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
4-Nitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Acenaphthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Acenaphthylene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Acetophenone	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Anthracene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Atrazine	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Benz(a)anthracene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Benzaldehyde	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Benzo(a)pyrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Benzo(b)fluoranthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Benzo(g,h,i)perylene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Benzo(k)fluoranthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Bis(2-chloroethoxy)methane	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Bis(2-chloroethyl)ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Bis(2-chloroisopropyl)ether	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Bis(2-ethylhexyl)phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Butyl benzyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP 18 2-6  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 11:40:00 AM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-005 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
Caprolactam	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Carbazole	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Chrysene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Dibenz(a,h)anthracene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Dibenzofuran	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Diethyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Dimethyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Di-n-butyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Di-n-octyl phthalate	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Fluoranthene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Fluorene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Hexachlorobenzene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Hexachlorobutadiene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Hexachlorocyclopentadiene	BRL	850		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Hexachloroethane	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Indeno(1,2,3-cd)pyrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Isophorone	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Naphthalene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Nitrobenzene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
N-Nitrosodi-n-propylamine	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
N-Nitrosodiphenylamine	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Pentachlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Phenanthrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Phenol	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Pyrene	BRL	430		µg/Kg-dry	47515	1	7/9/2004 8:26:00 PM
Surr: 2,4,6-Tribromophenol	91.3	35.5-131		%REC	47515	1	7/9/2004 8:26:00 PM
Surr: 2-Fluorobiphenyl	77.1	12.9-120		%REC	47515	1	7/9/2004 8:26:00 PM
Surr: 2-Fluorophenol	65.1	10-119		%REC	47515	1	7/9/2004 8:26:00 PM
Surr: 4-Terphenyl-d14	66.0	41.5-128		%REC	47515	1	7/9/2004 8:26:00 PM
Surr: Nitrobenzene-d5	64.3	10-121		%REC	47515	1	7/9/2004 8:26:00 PM
Surr: Phenol-d5	63.0	12.6-121		%REC	47515	1	7/9/2004 8:26:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>			<b>Analyst: TMP</b>
1,1-Dichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 3:36:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47510	20	7/9/2004 3:36:00 PM
2-Butanone	BRL	0.20		mg/L	47510	20	7/9/2004 3:36:00 PM
Benzene	BRL	0.10		mg/L	47510	20	7/9/2004 3:36:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47510	20	7/9/2004 3:36:00 PM
Chlorobenzene	BRL	0.10		mg/L	47510	20	7/9/2004 3:36:00 PM
Chloroform	BRL	0.10		mg/L	47510	20	7/9/2004 3:36:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 3:36:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit E Value above quantitation range  
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 N Analyte not NELAC certified P NELAC analyte certification pending  
 Rpt Limit Reporting Limit S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-005

**Client Sample ID:** AB TCLP 18 2-6  
**Collection Date:** 6/29/2004 11:40:00 AM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B (SW5030B)</b>		<b>Analyst: TMP</b>		
Trichloroethene	BRL	0.10	mg/L	47510	20	7/9/2004 3:36:00 PM
Vinyl chloride	BRL	0.040	mg/L	47510	20	7/9/2004 3:36:00 PM
Surr: 4-Bromofluorobenzene	86.8	63.1-121	%REC	47510	20	7/9/2004 3:36:00 PM
Surr: Dibromofluoromethane	97.2	69.5-126	%REC	47510	20	7/9/2004 3:36:00 PM
Surr: Toluene-d8	98.1	74.2-120	%REC	47510	20	7/9/2004 3:36:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>		<b>Analyst: AD</b>		
1,1,1-Trichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,1,2,2-Tetrachloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,1,2-Trichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,1-Dichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,1-Dichloroethene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,2,4-Trichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,2-Dibromo-3-chloropropane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,2-Dibromoethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,2-Dichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,2-Dichloroethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,2-Dichloropropane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,3-Dichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
1,4-Dichlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
2-Butanone	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
2-Hexanone	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
4-Methyl-2-pentanone	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Acetone	BRL	3400	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Benzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Bromodichloromethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Bromoform	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Bromomethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Carbon disulfide	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Carbon tetrachloride	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Chlorobenzene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Chloroethane	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Chloroform	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Chloromethane	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
cis-1,2-Dichloroethene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
cis-1,3-Dichloropropene	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Cyclohexane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Dibromochloromethane	BRL	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Dichlorodifluoromethane	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Ethylbenzene	220	170	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Freon-113	BRL	340	µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS Client Sample ID: AB TCLP 18 2-6  
 Lab Order: 0407035 Collection Date: 6/29/2004 11:40:00 AM  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-005 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>Analyst: AD</b>		
Isopropylbenzene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
m,p-Xylene	1900	340		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Methyl acetate	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Methyl tert-butyl ether	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Methylcyclohexane	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Methylene chloride	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
o-Xylene	1300	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Styrene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Tetrachloroethene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Toluene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
trans-1,2-Dichloroethene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
trans-1,3-Dichloropropene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Trichloroethene	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Trichlorofluoromethane	BRL	170		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Vinyl chloride	BRL	340		µg/Kg-dry	47602	50	7/12/2004 2:09:00 PM
Surr: 4-Bromofluorobenzene	110	65.3-133		%REC	47602	50	7/12/2004 2:09:00 PM
Surr: Dibromofluoromethane	107	80.1-121		%REC	47602	50	7/12/2004 2:09:00 PM
Surr: Toluene-d8	110	67.8-145		%REC	47602	50	7/12/2004 2:09:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	22.6	0		wt%		1	7/9/2004 6:30:00 PM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS Client Sample ID: AB TCLP COMP  
 Lab Order: 0407035 Collection Date: 6/29/2004 12:00:00 PM  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-006 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A</b>		<b>(SW3510B)</b>		Analyst: WDP	
2,4,5-TP (Silvex)	BRL	0.0050		mg/L	47327	1	7/6/2004 5:20:00 PM
2,4-D	BRL	0.0050		mg/L	47327	1	7/6/2004 5:20:00 PM
Surr: DCAA	113	22.8-136		%REC	47327	1	7/6/2004 5:20:00 PM
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A</b>		<b>(SW3510B)</b>		Analyst: JMZ	
Chlordane	BRL	0.010		mg/L	47326	1	7/2/2004 11:26:00 PM
Endrin	BRL	0.0010		mg/L	47326	1	7/2/2004 11:26:00 PM
gamma-BHC	0.0018	0.00050		mg/L	47326	1	7/2/2004 11:26:00 PM
Heptachlor	BRL	0.00050		mg/L	47326	1	7/2/2004 11:26:00 PM
Methoxychlor	BRL	0.0050		mg/L	47326	1	7/2/2004 11:26:00 PM
Toxaphene	BRL	0.050		mg/L	47326	1	7/2/2004 11:26:00 PM
Surr: Decachlorobiphenyl	73.3	10-121		%REC	47326	1	7/2/2004 11:26:00 PM
Surr: Tetrachloro-m-xylene	117	10.9-125		%REC	47326	1	7/2/2004 11:26:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>				Analyst: JMZ	
4,4'-DDD	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
4,4'-DDE	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
4,4'-DDT	180	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Aldrin	BRL	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
alpha-BHC	220	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
alpha-Chlordane	BRL	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
beta-BHC	52	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
delta-BHC	63	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Dieldrin	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Endosulfan I	BRL	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Endosulfan II	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Endosulfan sulfate	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Endrin	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Endrin aldehyde	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Endrin ketone	BRL	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
gamma-BHC	74	44		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
gamma-Chlordane	BRL	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Heptachlor	BRL	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Heptachlor epoxide	BRL	22		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Methoxychlor	BRL	220		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Toxaphene	BRL	2200		µg/Kg-dry	47378	10	7/8/2004 6:59:00 PM
Surr: Decachlorobiphenyl	0	11.2-135	S	%REC	47378	10	7/8/2004 6:59:00 PM
Surr: Tetrachloro-m-xylene	106	16.4-135		%REC	47378	10	7/8/2004 6:59:00 PM
<b>MERCURY, TCLP</b>		<b>SW1311/7470A</b>		<b>(SW7470A)</b>		Analyst: BB	
Mercury	BRL	0.00400		mg/L	47396	1	7/7/2004 12:49:00 PM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-006

Client Sample ID: AB TCLP COMP  
 Collection Date: 6/29/2004 12:00:00 PM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B</b>		<b>(SW3010A)</b>		<b>Analyst: CDW</b>	
Arsenic	14.5	0.250	*	mg/L	47333	1	7/2/2004 5:30:00 PM
Barium	BRL	0.500		mg/L	47333	1	7/2/2004 5:30:00 PM
Cadmium	BRL	0.0250		mg/L	47333	1	7/2/2004 5:30:00 PM
Chromium	BRL	0.0500		mg/L	47333	1	7/2/2004 5:30:00 PM
Lead	BRL	0.0500		mg/L	47333	1	7/2/2004 5:30:00 PM
Selenium	BRL	0.100		mg/L	47333	1	7/2/2004 5:30:00 PM
Silver	BRL	0.0250		mg/L	47333	1	7/2/2004 5:30:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		<b>Analyst: CDW</b>	
Arsenic	1060	5.79		mg/Kg-dry	47324	1	7/2/2004 3:18:00 PM
Barium	204	5.79		mg/Kg-dry	47324	1	7/2/2004 3:18:00 PM
Cadmium	BRL	2.90		mg/Kg-dry	47324	1	7/2/2004 3:18:00 PM
Chromium	23.8	2.90		mg/Kg-dry	47324	1	7/2/2004 3:18:00 PM
Lead	11.4	5.79		mg/Kg-dry	47324	1	7/2/2004 3:18:00 PM
Selenium	BRL	5.79		mg/Kg-dry	47324	1	7/2/2004 3:18:00 PM
Silver	BRL	2.90		mg/Kg-dry	47324	1	7/2/2004 3:18:00 PM
<b>TOTAL MERCURY</b>		<b>SW7471A</b>		<b>(SW7471A)</b>		<b>Analyst: CDW</b>	
Mercury	BRL	0.115		mg/Kg-dry	47355	1	7/6/2004 11:10:00 AN
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C</b>		<b>(SW3510)</b>		<b>Analyst: YH</b>	
1,4-Dichlorobenzene	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
2,4,5-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
2,4,6-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
2,4-Dinitrotoluene	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
Cresols, Total	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
Hexachlorobenzene	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
Hexachlorobutadiene	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
Hexachloroethane	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
m-cresol	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
Nitrobenzene	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
o-cresol	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
p-cresol	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
Pentachlorophenol	BRL	0.50		mg/L	47325	1	7/6/2004 11:11:00 AN
Pyridine	BRL	0.10		mg/L	47325	1	7/6/2004 11:11:00 AN
Surr: 2,4,6-Tribromophenol	96.8	19-124		%REC	47325	1	7/6/2004 11:11:00 AN
Surr: 2-Fluorobiphenyl	91.6	26-115		%REC	47325	1	7/6/2004 11:11:00 AN
Surr: 2-Fluorophenol	85.1	10-121		%REC	47325	1	7/6/2004 11:11:00 AN
Surr: 4-Terphenyl-d14	97.9	18-137		%REC	47325	1	7/6/2004 11:11:00 AN
Surr: Nitrobenzene-d5	92.7	15-120		%REC	47325	1	7/6/2004 11:11:00 AN
Surr: Phenol-d5	80.8	18-113		%REC	47325	1	7/6/2004 11:11:00 AN

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-006

Client Sample ID: AB TCLP COMP  
 Collection Date: 6/29/2004 12:00:00 PM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
1,1'-Biphenyl	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2,4,5-Trichlorophenol	BRL	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2,4,6-Trichlorophenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2,4-Dichlorophenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2,4-Dimethylphenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2,4-Dinitrophenol	BRL	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2,4-Dinitrotoluene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2,6-Dinitrotoluene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2-Chloronaphthalene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2-Chlorophenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2-Methylnaphthalene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2-Methylphenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2-Nitroaniline	BRL	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
2-Nitrophenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
3,3'-Dichlorobenzidine	BRL	880		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
3-Nitroaniline	BRL	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4,6-Dinitro-2-methylphenol	BRL	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4-Bromophenyl phenyl ether	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4-Chloro-3-methylphenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4-Chloroaniline	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4-Chlorophenyl phenyl ether	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4-Methylphenol	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4-Nitroaniline	BRL	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
4-Nitrophenol	4100	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Acenaphthene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Acenaphthylene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Acetophenone	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Anthracene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Atrazine	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Benz(a)anthracene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Benzaldehyde	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Benzo(a)pyrene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Benzo(b)fluoranthene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Benzo(g,h,i)perylene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Benzo(k)fluoranthene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Bis(2-chloroethoxy)methane	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Bis(2-chloroethyl)ether	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Bis(2-chloroisopropyl)ether	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Bis(2-ethylhexyl)phthalate	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Butyl benzyl phthalate	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP COMP  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 12:00:00 PM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-006 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
Caprolactam	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Carbazole	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Chrysene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Dibenz(a,h)anthracene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Dibenzofuran	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Diethyl phthalate	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Dimethyl phthalate	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Di-n-butyl phthalate	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Di-n-octyl phthalate	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Fluoranthene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Fluorene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Hexachlorobenzene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Hexachlorobutadiene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Hexachlorocyclopentadiene	BRL	860		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Hexachloroethane	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Indeno(1,2,3-cd)pyrene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Isophorone	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Naphthalene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Nitrobenzene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
N-Nitrosodi-n-propylamine	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
N-Nitrosodiphenylamine	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Pentachlorophenol	BRL	2200		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Phenanthrene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Phenol	450	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Pyrene	BRL	430		µg/Kg-dry	47344	1	7/6/2004 2:07:00 PM
Surr: 2,4,6-Tribromophenol	83.6	35.5-131		%REC	47344	1	7/6/2004 2:07:00 PM
Surr: 2-Fluorobiphenyl	74.1	12.9-120		%REC	47344	1	7/6/2004 2:07:00 PM
Surr: 2-Fluorophenol	72.5	10-119		%REC	47344	1	7/6/2004 2:07:00 PM
Surr: 4-Terphenyl-d14	81.1	41.5-128		%REC	47344	1	7/6/2004 2:07:00 PM
Surr: Nitrobenzene-d5	69.1	10-121		%REC	47344	1	7/6/2004 2:07:00 PM
Surr: Phenol-d5	67.0	12.6-121		%REC	47344	1	7/6/2004 2:07:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>			<b>Analyst: NWH</b>
1,1-Dichloroethene	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM
2-Butanone	BRL	0.20		mg/L	47244	20	7/2/2004 6:31:00 PM
Benzene	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM
Chlorobenzene	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM
Chloroform	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit E Value above quantitation range  
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 N Analyte not NELAC certified P NELAC analyte certification pending  
 Rpt Limit Reporting Limit S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-006

Client Sample ID: AB TCLP COMP  
 Collection Date: 6/29/2004 12:00:00 PM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>		<b>Analyst: NWH</b>	
Trichloroethane	BRL	0.10		mg/L	47244	20	7/2/2004 6:31:00 PM
Vinyl chloride	BRL	0.040		mg/L	47244	20	7/2/2004 6:31:00 PM
Surr: 4-Bromofluorobenzene	155	63.1-121	S	%REC	47244	20	7/2/2004 6:31:00 PM
Surr: Dibromofluoromethane	98.2	69.5-126		%REC	47244	20	7/2/2004 6:31:00 PM
Surr: Toluene-d8	98.6	74.2-120		%REC	47244	20	7/2/2004 6:31:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>				<b>Analyst: TMP</b>	
1,1,1-Trichloroethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,1,2,2-Tetrachloroethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,1,2-Trichloroethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,1-Dichloroethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,1-Dichloroethene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,2,4-Trichlorobenzene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,2-Dibromo-3-chloropropane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,2-Dibromoethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,2-Dichlorobenzene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,2-Dichloroethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,2-Dichloropropane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,3-Dichlorobenzene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
1,4-Dichlorobenzene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
2-Butanone	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
2-Hexanone	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
4-Methyl-2-pentanone	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Acetone	BRL	6500		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Benzene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Bromodichloromethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Bromoform	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Bromomethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Carbon disulfide	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Carbon tetrachloride	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Chlorobenzene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Chloroethane	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Chloroform	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Chloromethane	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
cis-1,2-Dichloroethene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
cis-1,3-Dichloropropene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Cyclohexane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Dibromochloromethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Dichlorodifluoromethane	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Ethylbenzene	670	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Freon-113	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** AB TCLP COMP  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 12:00:00 PM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-006 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>Analyst: TMP</b>		
Isopropylbenzene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
m,p-Xylene	3700	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Methyl acetate	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Methyl tert-butyl ether	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Methylcyclohexane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Methylene chloride	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
o-Xylene	1700	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Styrene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Tetrachloroethene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Toluene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
trans-1,2-Dichloroethene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
trans-1,3-Dichloropropene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Trichloroethene	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Trichlorofluoromethane	BRL	330		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Vinyl chloride	BRL	650		µg/Kg-dry	47452	50	7/7/2004 10:47:00 AM
Surr: 4-Bromofluorobenzene	116	65.3-133		%REC	47452	50	7/7/2004 10:47:00 AM
Surr: Dibromofluoromethane	116	80.1-121		%REC	47452	50	7/7/2004 10:47:00 AM
Surr: Toluene-d8	113	67.8-145		%REC	47452	50	7/7/2004 10:47:00 AM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	23.6	0		wt%		1	7/2/2004 10:15:00 AM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level  
 BRL Below Reporting Limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 Rpt Limit Reporting Limit  
 B Analyte detected in the associated Method Blank  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 P NELAC analyte certification pending  
 S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** SILO AREA D  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 3:45:00 PM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-009 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A</b>		<b>(SW3510B)</b>		<b>Analyst: WDP</b>	
2,4,5-TP (Silvex)	BRL	0.0050		mg/L	47327	1	7/6/2004 6:11:00 PM
2,4-D	BRL	0.0050		mg/L	47327	1	7/6/2004 6:11:00 PM
Surr: DCAA	134	22.8-136		%REC	47327	1	7/6/2004 6:11:00 PM
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A</b>		<b>(SW3510B)</b>		<b>Analyst: JMZ</b>	
Chlordane	BRL	0.010		mg/L	47326	1	7/2/2004 11:55:00 PM
Endrin	BRL	0.0010		mg/L	47326	1	7/2/2004 11:55:00 PM
gamma-BHC	BRL	0.00050		mg/L	47326	1	7/2/2004 11:55:00 PM
Heptachlor	BRL	0.00050		mg/L	47326	1	7/2/2004 11:55:00 PM
Methoxychlor	BRL	0.0050		mg/L	47326	1	7/2/2004 11:55:00 PM
Toxaphene	BRL	0.050		mg/L	47326	1	7/2/2004 11:55:00 PM
Surr: Decachlorobiphenyl	84.1	10-121		%REC	47326	1	7/2/2004 11:55:00 PM
Surr: Tetrachloro-m-xylene	14.8	10.9-125		%REC	47326	1	7/2/2004 11:55:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>				<b>Analyst: WDP</b>	
4,4'-DDD	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
4,4'-DDE	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
4,4'-DDT	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Aldrin	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
alpha-BHC	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
alpha-Chlordane	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
beta-BHC	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Chlordane	BRL	500		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
delta-BHC	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Dieldrin	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Endosulfan I	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Endosulfan II	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Endosulfan sulfate	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Endrin	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Endrin aldehyde	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Endrin ketone	BRL	9.9		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
gamma-BHC	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
gamma-Chlordane	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Heptachlor	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Heptachlor epoxide	BRL	5.0		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Methoxychlor	BRL	50		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Toxaphene	BRL	500		mg/Kg-dry	47391	100	7/8/2004 2:16:00 AM
Surr: Decachlorobiphenyl	0	30-150	S	%REC	47391	100	7/8/2004 2:16:00 AM
Surr: Tetrachloro-m-xylene	0	30-150	S	%REC	47391	100	7/8/2004 2:16:00 AM
<b>CHLORINATED HERBICIDES</b>		<b>SW8151A</b>				<b>Analyst: WDP</b>	
2,4,5-T	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-009

Client Sample ID: SILO AREA D  
 Collection Date: 6/29/2004 3:45:00 PM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED HERBICIDES</b>							
				<b>SW8151A</b>	<b>Analyst: WDP</b>		
2,4,5-TP (Silvex)	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
2,4-D	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
2,4-DB	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
Dalapon	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
Dicamba	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
Dichlorprop	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
Dinoseb	BRL	53000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
MCPA	BRL	530000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
MCPP	BRL	530000		µg/Kg-dry	47385	100	7/12/2004 7:02:00 PM
Surr: DCAA	0	20-127	S	%REC	47385	100	7/12/2004 7:02:00 PM
<b>MERCURY, TCLP</b>							
				<b>SW1311/7470A (SW7470A)</b>	<b>Analyst: BB</b>		
Mercury	BRL	0.00400		mg/L	47396	1	7/7/2004 12:50:50 PM
<b>ICP METALS, TCLP</b>							
				<b>SW1311/6010B (SW3010A)</b>	<b>Analyst: CDW</b>		
Arsenic	BRL	0.250		mg/L	47333	1	7/2/2004 5:35:00 PM
Barium	BRL	0.500		mg/L	47333	1	7/2/2004 5:35:00 PM
Cadmium	BRL	0.0250		mg/L	47333	1	7/2/2004 5:35:00 PM
Chromium	BRL	0.0500		mg/L	47333	1	7/2/2004 5:35:00 PM
Lead	BRL	0.0500		mg/L	47333	1	7/2/2004 5:35:00 PM
Selenium	BRL	0.100		mg/L	47333	1	7/2/2004 5:35:00 PM
Silver	BRL	0.0250		mg/L	47333	1	7/2/2004 5:35:00 PM
<b>METALS, TOTAL</b>							
				<b>SW6010B (SW3050B)</b>	<b>Analyst: CDW</b>		
Arsenic	BRL	4.2		mg/Kg-dry	47372	1	7/6/2004 5:30:00 PM
Barium	15	4.2		mg/Kg-dry	47372	1	7/6/2004 5:30:00 PM
Cadmium	BRL	2.1		mg/Kg-dry	47372	1	7/6/2004 5:30:00 PM
Chromium	24	2.1		mg/Kg-dry	47372	1	7/6/2004 5:30:00 PM
Lead	8.9	4.2		mg/Kg-dry	47372	1	7/6/2004 5:30:00 PM
Selenium	BRL	4.2		mg/Kg-dry	47372	1	7/6/2004 5:30:00 PM
Silver	BRL	2.1		mg/Kg-dry	47372	1	7/6/2004 5:30:00 PM
<b>TOTAL MERCURY - WASTE</b>							
				<b>SW7471A (SW7471A)</b>	<b>Analyst: EM</b>		
Mercury	BRL	0.101		mg/Kg-dry	47354	1	7/7/2004 9:41:00 AM
<b>SEMIVOLATILES ORGANICS, TCLP</b>							
				<b>SW1311/8270C (SW3510)</b>	<b>Analyst: YH</b>		
1,4-Dichlorobenzene	BRL	0.10		mg/L	47325	1	7/6/2004 12:26:00 PM
2,4,5-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/6/2004 12:26:00 PM
2,4,6-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/6/2004 12:26:00 PM
2,4-Dinitrotoluene	BRL	0.10		mg/L	47325	1	7/6/2004 12:26:00 PM
Cresols, Total	BRL	0.10		mg/L	47325	1	7/6/2004 12:26:00 PM
Hexachlorobenzene	BRL	0.10		mg/L	47325	1	7/6/2004 12:26:00 PM
Hexachlorobutadiene	BRL	0.10		mg/L	47325	1	7/6/2004 12:26:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-009

Client Sample ID: SILO AREA D  
 Collection Date: 6/29/2004 3:45:00 PM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C (SW3510)</b>		Analyst: YH		
Hexachloroethane	BRL	0.10	mg/L	47325	1	7/6/2004 12:26:00 PM
m-cresol	BRL	0.10	mg/L	47325	1	7/6/2004 12:26:00 PM
Nitrobenzene	BRL	0.10	mg/L	47325	1	7/6/2004 12:26:00 PM
o-cresol	BRL	0.10	mg/L	47325	1	7/6/2004 12:26:00 PM
p-cresol	BRL	0.10	mg/L	47325	1	7/6/2004 12:26:00 PM
Pentachlorophenol	BRL	0.50	mg/L	47325	1	7/6/2004 12:26:00 PM
Pyridine	BRL	0.10	mg/L	47325	1	7/6/2004 12:26:00 PM
Surr: 2,4,6-Tribromophenol	78.1	19-124	%REC	47325	1	7/6/2004 12:26:00 PM
Surr: 2-Fluorobiphenyl	71.7	26-115	%REC	47325	1	7/6/2004 12:26:00 PM
Surr: 2-Fluorophenol	70.2	10-121	%REC	47325	1	7/6/2004 12:26:00 PM
Surr: 4-Terphenyl-d14	66.3	18-137	%REC	47325	1	7/6/2004 12:26:00 PM
Surr: Nitrobenzene-d5	78.5	15-120	%REC	47325	1	7/6/2004 12:26:00 PM
Surr: Phenol-d5	72.8	18-113	%REC	47325	1	7/6/2004 12:26:00 PM
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		Analyst: EP		
1,1'-Biphenyl	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2,4,5-Trichlorophenol	BRL	510	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2,4,6-Trichlorophenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2,4-Dichlorophenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2,4-Dimethylphenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2,4-Dinitrophenol	BRL	510	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2,4-Dinitrotoluene	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2,6-Dinitrotoluene	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2-Chloronaphthalene	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2-Chlorophenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2-Methylnaphthalene	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2-Methylphenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2-Nitroaniline	BRL	510	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
2-Nitrophenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
3,3'-Dichlorobenzidine	BRL	680	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
3-Nitroaniline	BRL	510	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4,6-Dinitro-2-methylphenol	BRL	510	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4-Bromophenyl phenyl ether	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4-Chloro-3-methylphenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4-Chloroaniline	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4-Chlorophenyl phenyl ether	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4-Methylphenol	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4-Nitroaniline	BRL	510	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
4-Nitrophenol	BRL	510	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Acenaphthene	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Acenaphthylene	BRL	100	mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM

Qualifiers: \* Value exceeds Maximum Contaminant Level  
 B Analyte detected in the associated Method Blank  
 BRL Below Reporting Limit  
 E Value above quantitation range  
 H Holding times for preparation or analysis exceeded  
 J Analyte detected below quantitation limits  
 N Analyte not NELAC certified  
 P NELAC analyte certification pending  
 Rpt Limit Reporting Limit  
 S Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

**CLIENT:** URS **Client Sample ID:** SILO AREA D  
**Lab Order:** 0407035 **Collection Date:** 6/29/2004 3:45:00 PM  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-009 **Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>Analyst: EP</b>			
Acetophenone	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Anthracene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Atrazine	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Benz(a)anthracene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Benzaldehyde	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Benzo(a)pyrene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Benzo(b)fluoranthene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Benzo(g,h,i)perylene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Benzo(k)fluoranthene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Bis(2-chloroethoxy)methane	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Bis(2-chloroethyl)ether	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Bis(2-chloroisopropyl)ether	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Bis(2-ethylhexyl)phthalate	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Butyl benzyl phthalate	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Caprolactam	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Carbazole	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Chrysene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Dibenz(a,h)anthracene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Dibenzofuran	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Diethyl phthalate	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Dimethyl phthalate	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Di-n-butyl phthalate	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Di-n-octyl phthalate	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Fluoranthene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Fluorene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Hexachlorobenzene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Hexachlorobutadiene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Hexachlorocyclopentadiene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Hexachloroethane	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Indeno(1,2,3-cd)pyrene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Isophorone	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Naphthalene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Nitrobenzene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
N-Nitrosodi-n-propylamine	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
N-Nitrosodiphenylamine	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Pentachlorophenol	BRL	510		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Phenanthrene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Phenol	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Pyrene	BRL	100		mg/Kg-dry	47390	1	7/6/2004 4:34:00 PM
Surr: 2,4,6-Tribromophenol	0	35.5-131	S	%REC	47390	1	7/6/2004 4:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-009

**Client Sample ID:** SILO AREA D  
**Collection Date:** 6/29/2004 3:45:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>			<b>Analyst: EP</b>		
Surr: 2-Fluorobiphenyl	39.2	12.9-120		%REC	47390	1	7/6/2004 4:34:00 PM
Surr: 2-Fluorophenol	22.6	10-119		%REC	47390	1	7/6/2004 4:34:00 PM
Surr: 4-Terphenyl-d14	35.6	41.5-128	S	%REC	47390	1	7/6/2004 4:34:00 PM
Surr: Nitrobenzene-d5	39.1	10-121		%REC	47390	1	7/6/2004 4:34:00 PM
Surr: Phenol-d5	31.7	12.6-121		%REC	47390	1	7/6/2004 4:34:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>		<b>Analyst: NWH</b>	
1,1-Dichloroethane	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
2-Butanone	BRL	0.20		mg/L	47244	20	7/2/2004 6:58:00 PM
Benzene	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
Chlorobenzene	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
Chloroform	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
Trichloroethene	BRL	0.10		mg/L	47244	20	7/2/2004 6:58:00 PM
Vinyl chloride	BRL	0.040		mg/L	47244	20	7/2/2004 6:58:00 PM
Surr: 4-Bromofluorobenzene	120	63.1-121		%REC	47244	20	7/2/2004 6:58:00 PM
Surr: Dibromofluoromethane	98.3	69.5-126		%REC	47244	20	7/2/2004 6:58:00 PM
Surr: Toluene-d8	99.3	74.2-120		%REC	47244	20	7/2/2004 6:58:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>Analyst: JTC</b>		
1,1,1-Trichloroethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,1,2,2-Tetrachloroethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,1,2-Trichloroethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,1-Dichloroethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,1-Dichloroethene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,2,4-Trichlorobenzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,2-Dibromo-3-chloropropane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,2-Dibromoethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,2-Dichlorobenzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,2-Dichloroethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,2-Dichloropropane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,3-Dichlorobenzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
1,4-Dichlorobenzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
2-Butanone	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
2-Hexanone	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
4-Methyl-2-pentanone	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Acetone	BRL	11000		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Benzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Bromodichloromethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-009

Client Sample ID: SILO AREA D  
 Collection Date: 6/29/2004 3:45:00 PM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			Analyst: JTC		
Bromoform	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Bromomethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Carbon disulfide	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Carbon tetrachloride	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Chlorobenzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Chloroethane	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Chloroform	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Chloromethane	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
cis-1,2-Dichloroethene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
cis-1,3-Dichloropropene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Cyclohexane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Dibromochloromethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Dichlorodifluoromethane	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Ethylbenzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Freon-113	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Isopropylbenzene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
m,p-Xylene	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Methyl acetate	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Methyl tert-butyl ether	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Methylcyclohexane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Methylene chloride	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
o-Xylene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Styrene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Tetrachloroethene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Toluene	4400	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
trans-1,2-Dichloroethene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
trans-1,3-Dichloropropene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Trichloroethene	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Trichlorofluoromethane	BRL	2700		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Vinyl chloride	BRL	5400		µg/Kg-dry	47359	50	7/2/2004 1:40:00 PM
Surr: 4-Bromofluorobenzene	100	65.3-133		%REC	47359	50	7/2/2004 1:40:00 PM
Surr: Dibromofluoromethane	113	80.1-121		%REC	47359	50	7/2/2004 1:40:00 PM
Surr: Toluene-d8	109	67.8-145		%REC	47359	50	7/2/2004 1:40:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			Analyst: AAN		
Percent Moisture	6.84	0		wt%	1		7/2/2004 10:15:00 AM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-010

Client Sample ID: TRIP BLANK  
 Collection Date: 6/29/2004  
 Matrix: WATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>(SW5030B)</b>		<b>Analyst: JTC</b>
1,1,1-Trichloroethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,1,2,2-Tetrachloroethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,1,2-Trichloroethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,1-Dichloroethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,1-Dichloroethene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,2,4-Trichlorobenzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,2-Dibromo-3-chloropropane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,2-Dibromoethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,2-Dichlorobenzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,2-Dichloroethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,2-Dichloropropane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,3-Dichlorobenzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
1,4-Dichlorobenzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
2-Butanone	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
2-Hexanone	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
4-Methyl-2-pentanone	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
Acetone	BRL	20		µg/L	47360	1	7/2/2004 1:15:00 PM
Benzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Bromodichloromethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Bromoform	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Bromomethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Carbon disulfide	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Carbon tetrachloride	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Chlorobenzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Chloroethane	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
Chloroform	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Chloromethane	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
cis-1,2-Dichloroethene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
cis-1,3-Dichloropropene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Cyclohexane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Dibromochloromethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Dichlorodifluoromethane	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
Ethylbenzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Freon-113	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
Isopropylbenzene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
m,p-Xylene	BRL	10		µg/L	47360	1	7/2/2004 1:15:00 PM
Methyl acetate	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Methyl tert-butyl ether	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Methylcyclohexane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Methylene chloride	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-010

Client Sample ID: TRIP BLANK  
 Collection Date: 6/29/2004  
 Matrix: WATER

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>(SW5030B)</b>		Analyst: JTC
o-Xylene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Styrene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Tetrachloroethene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Toluene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
trans-1,2-Dichloroethene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
trans-1,3-Dichloropropene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Trichloroethene	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Trichlorofluoromethane	BRL	5.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Vinyl chloride	BRL	2.0		µg/L	47360	1	7/2/2004 1:15:00 PM
Surr: 4-Bromofluorobenzene	104	63.1-121		%REC	47360	1	7/2/2004 1:15:00 PM
Surr: Dibromofluoromethane	116	69.5-126		%REC	47360	1	7/2/2004 1:15:00 PM
Surr: Toluene-d8	109	74.2-120		%REC	47360	1	7/2/2004 1:15:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**ANALYTICAL QC SUMMARY REPORT**

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

BatchID: 47244

Sample ID	MB-47244	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date: 6/29/2004	RunNo: 52710					
Client ID:	Batch ID: 47244		TestNo: SW1311/8260		Analysis Date: 6/29/2004	SeqNo: 1012041					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	1.136	0	1	0	114	63.1	121	0	0	0	
Surr: Dibromofluoromethane	0.8576	0	1	0	85.8	69.5	126	0	0	0	
Surr: Toluene-d8	0.9196	0	1	0	92	74.2	120	0	0	0	

Sample ID	MB-47244	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date: 6/29/2004	RunNo: 52868					
Client ID:	Batch ID: 47244		TestNo: SW1311/8260		Analysis Date: 7/2/2004	SeqNo: 1015467					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	1.173	0	1	0	117	63.1	121	0	0	0	

Qualifiers: B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** 47244

<b>Sample ID</b> MB-47244	<b>SampType:</b> MBLK	<b>TestCode:</b> 1311_V	<b>Units:</b> mg/L	<b>Prep Date:</b> 6/29/2004	<b>RunNo:</b> 52868						
<b>Client ID:</b>	<b>Batch ID:</b> 47244	<b>TestNo:</b> SW1311/8260		<b>Analysis Date:</b> 7/2/2004	<b>SeqNo:</b> 1015467						
<b>Analyte</b>	<b>Result</b>	<b>PQL</b>	<b>SPK value</b>	<b>SPK Ref Val</b>	<b>%REC</b>	<b>LowLimit</b>	<b>HighLimit</b>	<b>RPD Ref Val</b>	<b>%RPD</b>	<b>RPDLimit</b>	<b>Qual</b>
Surr: Dibromofluoromethane	0.9586	0	1	0	95.9	69.5	126	0	0	0	
Surr: Toluene-d8	0.9646	0	1	0	96.5	74.2	120	0	0	0	

<b>Sample ID</b> LCS-47244	<b>SampType:</b> LCS	<b>TestCode:</b> 1311_V	<b>Units:</b> mg/L	<b>Prep Date:</b> 6/29/2004	<b>RunNo:</b> 52710
<b>Client ID:</b>	<b>Batch ID:</b> 47244	<b>TestNo:</b> SW1311/8260		<b>Analysis Date:</b> 6/29/2004	<b>SeqNo:</b> 1012042

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.8844	0.10	1	0	88.4	61	131	0	0	0	*
1,2-Dichloroethane	0.9644	0.10	1	0	96.4	76	129	0	0	0	*
2-Butanone	2.975	0.20	2	0	149	25	161	0	0	0	*
Benzene	1.069	0.10	1	0	107	77	126	0	0	0	*
Carbon tetrachloride	1.087	0.10	1	0	109	66	131	0	0	0	*
Chlorobenzene	0.989	0.10	1	0	98.9	80	121	0	0	0	*
Chloroform	0.8794	0.10	1	0	87.9	76	129	0	0	0	*
Tetrachloroethene	0.9982	0.10	1	0	99.8	64	133	0	0	0	*
Trichloroethene	1.109	0.10	1	0	111	71	125	0	0	0	*
Vinyl chloride	0.6902	0.040	1	0	69	45	131	0	0	0	*
Surr: 4-Bromofluorobenzene	0.974	0	1	0	97.4	63.1	121	0	0	0	*
Surr: Dibromofluoromethane	0.7546	0	1	0	75.5	69.5	126	0	0	0	*
Surr: Toluene-d8	0.9528	0	1	0	95.3	74.2	120	0	0	0	*

<b>Sample ID</b> 0406C40-003BMS	<b>SampType:</b> MS	<b>TestCode:</b> 1311_V	<b>Units:</b> mg/L	<b>Prep Date:</b> 6/29/2004	<b>RunNo:</b> 52710
<b>Client ID:</b>	<b>Batch ID:</b> 47244	<b>TestNo:</b> SW1311/8260		<b>Analysis Date:</b> 6/29/2004	<b>SeqNo:</b> 1012048

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.8532	0.10	1	0	85.3	61	131	0	0	0	*
1,2-Dichloroethane	0.9114	0.10	1	0	91.1	76	129	0	0	0	*
2-Butanone	2.737	0.20	2	0	137	25	161	0	0	0	*
Benzene	0.9514	0.10	1	0	95.1	77	126	0	0	0	*
Carbon tetrachloride	0.9186	0.10	1	0	91.9	66	131	0	0	0	*
Chlorobenzene	0.883	0.10	1	0	88.3	80	121	0	0	0	*

<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47244

Sample ID	0406C40-003BMS	SampType: MS	TestCode: 1311_V	Units: mg/L	Prep Date: 6/29/2004	RunNo: 52710					
Client ID:	Batch ID: 47244	Batch ID: 47244	TestNo: SW1311/8260		Analysis Date: 6/29/2004	SeqNo: 1012048					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Chloroform	0.7886	0.10	1	0	78.9	76	129	0	0		
Tetrachloroethene	0.8646	0.10	1	0	86.5	64	133	0	0		*
Trichloroethene	0.9682	0.10	1	0	96.8	71	125	0	0		*
Vinyl chloride	0.5246	0.040	1	0	52.5	45	131	0	0		*
Surr: 4-Bromofluorobenzene	0.99	0	1	0	99	63.1	121	0	0		
Surr: Dibromofluoromethane	0.7454	0	1	0	74.5	69.5	126	0	0		
Surr: Toluene-d8	0.9466	0	1	0	94.7	74.2	120	0	0		

Sample ID	0406A66-001C	SampType: DUP	TestCode: 1311_V	Units: mg/L	Prep Date: 6/29/2004	RunNo: 52710					
Client ID:	Batch ID: 47244	Batch ID: 47244	TestNo: SW1311/8260		Analysis Date: 6/29/2004	SeqNo: 1012045					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	BRL	0.10	0	0	0	0	0	0	0	30	
2-Butanone	BRL	0.20	0	0	0	0	0	0	0	30	
Benzene	BRL	0.10	0	0	0	0	0	0	0	30	
Carbon tetrachloride	BRL	0.10	0	0	0	0	0	0	0	30	
Chlorobenzene	BRL	0.10	0	0	0	0	0	0	0	30	
Chloroform	BRL	0.10	0	0	0	0	0	0	0	30	
Tetrachloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Trichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Vinyl chloride	BRL	0.040	0	0	0	0	0	0	0	30	
Surr: 4-Bromofluorobenzene	1.22	0	1	0	122	71.8	143	1.201	0	0	
Surr: Dibromofluoromethane	0.85	0	1	0	85	80.3	123	0.8604	0	0	
Surr: Toluene-d8	0.9356	0	1	0	93.6	70.1	142	0.936	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47324

Sample ID	MB-47324	SampType:	MBLK	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/2/2004	RunNo:	52830
Client ID:	47324	Batch ID:	47324	TestNo:	SW6010B						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID	LCS-47324	SampType:	LCS	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/2/2004	RunNo:	52830
Client ID:	47324	Batch ID:	47324	TestNo:	SW6010B						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	48.41	5.00	50	0	96.8	80	120	0	0	0	0
Barium	48.49	5.00	50	0.086	96.8	80	120	0	0	0	0
Cadmium	50.52	2.50	50	0.0315	101	80	120	0	0	0	0
Chromium	50.77	2.50	50	0.6355	100	80	120	0	0	0	0
Lead	49.29	5.00	50	0.0825	98.4	80	120	0	0	0	0
Selenium	47.75	5.00	50	0	95.5	80	120	0	0	0	0
Silver	4.674	2.50	5	0	93.5	80	120	0	0	0	0

Sample ID	0407058-002BMS	SampType:	MS	TestCode:	6010B_S	Units:	mg/Kg	Prep Date:	7/2/2004	RunNo:	52830
Client ID:	47324	Batch ID:	47324	TestNo:	SW6010B						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	42.95	4.85	48.49	0.7766	87	75	125	0	0	0	0
Barium	126.9	4.85	48.49	93.37	69.2	75	125	0	0	0	0
Cadmium	42.41	2.42	48.49	0.1961	87.1	75	125	0	0	0	S
Chromium	105.3	2.42	48.49	68.1	76.8	75	125	0	0	0	0
Lead	97.25	4.85	48.49	61.67	73.4	75	125	0	0	0	0
Selenium	41.05	4.85	48.49	0	84.7	75	125	0	0	0	S
Silver	4.188	2.42	4.849	0	86.4	75	125	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47324

Sample ID	0407058-002BDUP	SampType: DUP	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	47324 <th>Batch ID:</th> <td>47324 <th>TestNo: SW6010B</th> <td>7/2/2004 <th>SeqNo: 1014936</th> </td></td>	Batch ID:	47324 <th>TestNo: SW6010B</th> <td>7/2/2004 <th>SeqNo: 1014936</th> </td>	TestNo: SW6010B	7/2/2004 <th>SeqNo: 1014936</th>	SeqNo: 1014936					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	4.82	0	0	0	0	0	0.7766	0	20	
Barium	91.29	4.82	0	0	0	0	0	93.37	2.25	20	
Cadmium	BRL	2.41	0	0	0	0	0	0.1961	0	20	
Chromium	65.56	2.41	0	0	0	0	0	68.1	3.79	20	
Lead	61.77	4.82	0	0	0	0	0	61.67	0.160	20	
Selenium	BRL	4.82	0	0	0	0	0	0	0	20	
Silver	BRL	2.41	0	0	0	0	0	0	0	20	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47325

Sample ID	MB-47325	SampType:	MBLK	TestCode:	1311_B	Units:	mg/L	Prep Date:	7/2/2004	RunNo:	52918
Client ID:	47325	Batch ID:	47325	TestNo:	SW1311/8270			Analysis Date:	7/6/2004	SeqNo:	1016483

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	BRL	0.10									
2,4,5-Trichlorophenol	BRL	0.10									
2,4,6-Trichlorophenol	BRL	0.10									
2,4-Dinitrotoluene	BRL	0.10									
Cresols, Total	BRL	0.10									
Hexachlorobenzene	BRL	0.10									
Hexachlorobutadiene	BRL	0.10									
Hexachloroethane	BRL	0.10									
m-cresol	BRL	0.10									
Nitrobenzene	BRL	0.10									
o-cresol	BRL	0.10									
p-cresol	BRL	0.10									
Pentachlorophenol	BRL	0.50									
Pyridine	BRL	0.10									
Surr: 2,4,6-Tribromophenol	0.9002	0	1	0	90	19	124	0	0	0	
Surr: 2-Fluorobiphenyl	0.4312	0	0.5	0	86.2	26	115	0	0	0	
Surr: 2-Fluorophenol	0.7768	0	1	0	77.7	10	121	0	0	0	
Surr: 4-Terphenyl-d14	0.4629	0	0.5	0	92.6	18	137	0	0	0	
Surr: Nitrobenzene-d5	0.433	0	0.5	0	86.6	15	120	0	0	0	
Surr: Phenol-d5	0.7522	0	1	0	75.2	18	113	0	0	0	

Sample ID	LCS-47325	SampType:	LCS	TestCode:	1311_B	Units:	mg/L	Prep Date:	7/2/2004	RunNo:	52918
Client ID:	47325	Batch ID:	47325	TestNo:	SW1311/8270			Analysis Date:	7/6/2004	SeqNo:	1016487

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.8786	0.10	1	0	87.9	60.9	103	0	0	0	
2,4,5-Trichlorophenol	0.9409	0.10	1	0	94.1	59	122	0	0	0	
2,4,6-Trichlorophenol	0.9736	0.10	1	0	97.4	74.6	112	0	0	0	
2,4-Dinitrotoluene	0.9526	0.10	1	0	95.3	71.5	108	0	0	0	
Cresols, Total	2.812	0.10	3	0	93.7	55.9	110	0	0	0	
Hexachlorobenzene	0.9773	0.10	1	0	97.7	72.5	124	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47325

Sample ID	LCS-47325	SampType: LCS	TestCode: 1311_B	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52918					
Client ID:	AB TCLP COMP	Batch ID: 47325	TestNo: SW1311/8270		Analysis Date: 7/6/2004	SeqNo: 1016487					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	0.9025	0.10	1	0	90.2	53.5	127	0	0		*
Hexachloroethane	0.8678	0.10	1	0	86.8	45.2	115	0	0		
m-cresol	0.9363	0.10	1	0	93.6	52.1	110	0	0		
Nitrobenzene	0.8966	0.10	1	0	89.7	63.3	115	0	0		
o-cresol	0.9396	0.10	1	0	94	65.4	111	0	0		
p-cresol	0.9363	0.10	1	0	93.6	52.1	110	0	0		
Pentachlorophenol	0.935	0.50	1	0	93.5	61	134	0	0		
Pyridine	0.5924	0.10	1	0	59.2	10	116	0	0		
Surr: 2,4,6-Tribromophenol	0.9488	0	1	0	94.9	21.8	131	0	0		
Surr: 2-Fluorobiphenyl	0.4351	0	0.5	0	87	6.97	122	0	0		
Surr: 2-Fluorophenol	0.7872	0	1	0	78.7	10	121	0	0		
Surr: 4-Terphenyl-d14	0.4889	0	0.5	0	97.8	18	137	0	0		
Surr: Nitrobenzene-d5	0.4401	0	0.5	0	88	15	120	0	0		
Surr: Phenol-d5	0.7596	0	1	0	76	18	113	0	0		

Sample ID	0407035-006EMS	SampType: MS	TestCode: 1311_B	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52918					
Client ID:	AB TCLP COMP	Batch ID: 47325	TestNo: SW1311/8270		Analysis Date: 7/6/2004	SeqNo: 1016492					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.9316	0.10	1	0	93.2	61.6	104	0	0		
2,4,5-Trichlorophenol	1.014	0.10	1	0	101	66.1	122	0	0		
2,4,6-Trichlorophenol	1.013	0.10	1	0	101	73.7	119	0	0		
2,4-Dinitrotoluene	0.9991	0.10	1	0	99.9	74.1	109	0	0		*
Cresols, Total	2.967	0.10	3	0	98.9	54.9	115	0	0		*
Hexachlorobenzene	1.006	0.10	1	0	101	71.3	126	0	0		*
Hexachlorobutadiene	0.953	0.10	1	0	95.3	49	129	0	0		*
Hexachloroethane	0.9189	0.10	1	0	91.9	47.4	117	0	0		
m-cresol	0.9883	0.10	1	0	98.8	42.4	121	0	0		
Nitrobenzene	0.9397	0.10	1	0	94	57.5	121	0	0		
o-cresol	0.99	0.10	1	0	99	67.2	111	0	0		
p-cresol	0.9883	0.10	1	0	98.8	39.8	122	0	0		

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47325

Sample ID	0407035-006EMS	SampType:	MS	TestCode:	1311_B	Units:	mg/L	Prep Date:	7/2/2004	RunNo:	52918
Client ID:	AB TCLP COMP	Batch ID:	47325	TestNo:	SW1311/8270			Analysis Date:	7/6/2004	SeqNo:	1016492
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	1.027	0.50	1	0	103	62.9	148	0	0	0	
Pyridine	0.7386	0.10	1	0	73.9	10	127	0	0	0	
Surr: 2,4,6-Tribromophenol	0.986	0	1	0	98.6	19	124	0	0	0	
Surr: 2-Fluorobiphenyl	0.4435	0	0.5	0	88.7	14.2	111	0	0	0	
Surr: 2-Fluorophenol	0.8332	0	1	0	83.3	10	121	0	0	0	
Surr: 4-Terphenyl-d14	0.4905	0	0.5	0	98.1	18	137	0	0	0	
Surr: Nitrobenzene-d5	0.4456	0	0.5	0	89.1	15	120	0	0	0	
Surr: Phenol-d5	0.792	0	1	0	79.2	18	113	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47326

Sample ID	MB-47326	SampType: MBLK	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849					
Client ID:		Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015228					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chlordane	BRL	0.010									
Endrin	BRL	0.0010									
gamma-BHC	BRL	0.00050									
Heptachlor	BRL	0.00050									
Heptachlor epoxide	BRL	0.00050									
Methoxychlor	BRL	0.0050									
Toxaphene	BRL	0.050									
Surr: Decachlorobiphenyl	0.003765	0	0.005	0	75.3	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.003808	0	0.005	0	76.2	10.9	125	0	0	0	

Sample ID	LCS-47326-1	SampType: LCS	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849					
Client ID:		Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015229					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Endrin	0.007208	0.0010	0.008	0	90.1	51.8	144	0	0	0	
gamma-BHC	0.006405	0.00050	0.008	0	80.1	44.7	127	0	0	0	
Heptachlor	0.00582	0.00050	0.008	0	72.8	40.5	122	0	0	0	
Heptachlor epoxide	0.00677	0.00050	0.008	0	84.6	56	137	0	0	0	
Methoxychlor	0.0285	0.0050	0.03	0	95	46	166	0	0	0	
Surr: Decachlorobiphenyl	0.00372	0	0.005	0	74.4	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.003639	0	0.005	0	72.8	10.9	125	0	0	0	

Sample ID	LCS-47326-2	SampType: LCS	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849					
Client ID:		Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015230					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chlordane	0.04267	0.010	0.04	0.00929	83.5	56	186	0	0	0	
Toxaphene	0.06778	0.050	0.08	0	84.7	53	132	0	0	0	
Surr: Decachlorobiphenyl	0.003757	0	0.005	0	75.1	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.003271	0	0.005	0	65.4	10.9	125	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47326

Sample ID	0406F09-009CMS-1	SampType:	MS	TestCode:	1311_P	Units:	mg/L	Prep Date:	7/2/2004	RunNo:	52849
Client ID:		Batch ID:	47326	TestNo:	SW1311/8081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	0.007683	0.0010	0.008	0	96	50	148	0	0	0	
gamma-BHC	0.006874	0.00050	0.008	0	85.9	52.1	124	0	0	0	
Heptachlor	0.006241	0.00050	0.008	0	78	43.2	131	0	0	0	
Heptachlor epoxide	0.01078	0.00050	0.008	0	135	50	145	0	0	0	
Methoxychlor	0.02992	0.0050	0.03	0	99.7	10	205	0	0	0	
Surr: Decachlorobiphenyl	0.003541	0	0.005	0	70.8	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.004349	0	0.005	0	87	10.9	125	0	0	0	

Sample ID	0406F09-009CMS-2	SampType:	MS	TestCode:	1311_P	Units:	mg/L	Prep Date:	7/2/2004	RunNo:	52849
Client ID:		Batch ID:	47326	TestNo:	SW1311/8081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlordane	0.04162	0.010	0.04	0	104	55	182	0	0	0	
Toxaphene	0.07212	0.050	0.08	0	90.2	45	137	0	0	0	
Surr: Decachlorobiphenyl	0.003405	0	0.005	0	68.1	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.005188	0	0.005	0	104	10.9	125	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47327

Sample ID	MB-47327	SampType: MBLK	TestCode: 1311_H	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52933					
Client ID:	47327	Batch ID: 47327	TestNo: SW1311/8151		Analysis Date: 7/6/2004	SeqNo: 1016699					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2,4,5-TP (Silvex)	BRL	0.0050									
2,4-D	BRL	0.0050									
Surr: DCAA	0.04104	0	0.05	0	82.1	22.8	136	0	0	0	

Sample ID	LCS-47327	SampType: LCS	TestCode: 1311_H	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52933					
Client ID:	47327	Batch ID: 47327	TestNo: SW1311/8151		Analysis Date: 7/6/2004	SeqNo: 1016701					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2,4,5-TP (Silvex)	0.04109	0.0050	0.05	0	82.2	44.9	138	0	0	
2,4-D	0.05563	0.0050	0.05	0	111	47.5	142	0	0	
Surr: DCAA	0.04714	0	0.05	0	94.3	22.8	136	0	0	

Sample ID	0407035-006EMS	SampType: MS	TestCode: 1311_H	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52933					
Client ID:	AB TCLP COMP	Batch ID: 47327	TestNo: SW1311/8151		Analysis Date: 7/6/2004	SeqNo: 1016703					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

2,4,5-TP (Silvex)	0.04815	0.0050	0.05	0	96.3	50.2	134	0	0	
2,4-D	0.04968	0.0050	0.05	0.004612	90.1	53.8	141	0	0	
Surr: DCAA	0.05159	0	0.05	0	103	22.8	136	0	0	

<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47333

Sample ID	MB-47333	SampType: MBLK	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	47333	Batch ID:	SW1311/6010		Analysis Date: 7/2/2004	SeqNo: 1015009					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	BRL	0.250				
Barium	BRL	0.500				
Cadmium	BRL	0.0250				
Chromium	BRL	0.0500				
Lead	BRL	0.0500				
Selenium	BRL	0.100				
Silver	BRL	0.0250				

Sample ID	LCS-47333	SampType: LCS	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	47333	Batch ID:	SW1311/6010		Analysis Date: 7/2/2004	SeqNo: 1015008					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	4.858	0.250	5	0	97.2	85	115	0	0	
Cadmium	4.798	0.0250	5	0	96	85	115	0	0	
Chromium	4.628	0.0500	5	0	92.6	85	115	0	0	
Lead	4.67	0.0500	5	0	93.4	85	115	0	0	
Selenium	4.98	0.100	5	0	99.6	85	115	0	0	
Silver	0.4564	0.0250	0.5	0	91.3	85	115	0	0	

Sample ID	LCS-47333	SampType: LCS	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52859					
Client ID:	47333	Batch ID:	SW1311/6010		Analysis Date: 7/6/2004	SeqNo: 1015430					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	4.333	0.500	5	0.01205	86.4	85	115	0	0	
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Sample ID	0406E74-001AMS	SampType: MS	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	47333	Batch ID:	SW1311/6010		Analysis Date: 7/2/2004	SeqNo: 1015013					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	5.055	0.250	5	0	101	50	150	0	0	
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**Qualifiers:** B Analyte detected in the associated Method Blank    BRL Bclw Reporting Limit    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47333

Sample ID	0406E74-001AMS	SampType: MS	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	Batch ID: 47333		TestNo: SW1311/6010		Analysis Date: 7/2/2004	SeqNo: 1015013					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	7.986	0.500	5	4.38	72.1	50	150	0	0		
Cadmium	6.259	0.0250	5	1.655	92.1	50	150	0	0		*
Chromium	4.879	0.0500	5	0.05875	96.4	50	150	0	0		
Lead	4.792	0.0500	5	0.06115	94.6	50	150	0	0		
Selenium	5.143	0.100	5	0	103	50	150	0	0		*
Silver	0.4868	0.0250	0.5	0	97.4	50	150	0	0		

Sample ID	0406E74-001ADUP	SampType: DUP	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	Batch ID: 47333		TestNo: SW1311/6010		Analysis Date: 7/2/2004	SeqNo: 1015012					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250	0	0	0	0	0	0	0	30	
Barium	3.486	0.500	0	0	0	0	0	4.38	22.7	30	
Cadmium	1.31	0.0250	0	0	0	0	0	1.655	23.3	30	*
Chromium	BRL	0.0500	0	0	0	0	0	0.05875	0	30	
Lead	0.0501	0.0500	0	0	0	0	0	0.06115	19.9	30	
Selenium	BRL	0.100	0	0	0	0	0	0	0	30	
Silver	BRL	0.0250	0	0	0	0	0	0	0	30	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47344

Sample ID	MB-47344	SampType: MBLK	TestCode: 8270_PP_S	Units: µg/Kg	Prep Date: 7/2/2004	RunNo: 52922					
Client ID:	47344	Batch ID:	SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016554					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	BRL	330									
1,2-Dichlorobenzene	BRL	330									
1,3-Dichlorobenzene	BRL	330									
1,4-Dichlorobenzene	BRL	330									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	670									
2,6-Dinitrotoluene	BRL	670									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Nitrophenol	BRL	1700									
3,3'-Dichlorobenzidine	BRL	670									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Anthracene	BRL	330									
Benz(a)anthracene	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47344

Sample ID	MB-47344	SampType:	MBLK	TestCode:	8270_PP_S	Units:	µg/Kg	Prep Date:	7/2/2004	RunNo:	52922		
Client ID:		Batch ID:	47344	TestNo:	SW8270C			Analysis Date:	7/6/2004	SeqNo:	1016554		
Analyte		Result		PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Butyl benzyl phthalate	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Pentachlorophenol	BRL	670									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2640	0	3333	0	79.2	35.5	131	0	0	0	
Surr: 2-Fluorobiphenyl	1218	0	1667	0	73.1	12.9	120	0	0	0	
Surr: 2-Fluorophenol	2187	0	3333	0	65.6	10	119	0	0	0	
Surr: 4-Terphenyl-d14	1379	0	1667	0	82.8	41.5	128	0	0	0	
Surr: Nitrobenzene-d5	1102	0	1667	0	66.1	10	121	0	0	0	
Surr: phenol-d5	2076	0	3333	0	62.3	12.6	121	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified



**ANALYTICAL QC SUMMARY REPORT**

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

BatchID: 47344

Sample ID MB-47344      Samp Type: MBLK      TestCode: 8270\_TCL4.2      Units: µg/Kg      Prep Date: 7/2/2004      RunNo: 52922

Client ID: 47344      Batch ID: 47344      TestNo: SW8270C      Analysis Date: 7/6/2004      SeqNo: 1016548

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1'-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3'-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									

**Qualifiers:** B Analyte detected in the associated Method Blank      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      N Analyte not NELAC certified  
 R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits  
 BRL Below Reporting Limit      J Analyte detected below quantitation limits

CLIENT: URS

Work Order: 0407035

Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47344

Sample ID	MB-47344	Samp Type	MBLK	Test Code	B270_TCL4.2	Units	µg/Kg	Prep Date	7/2/2004	Run No	52922
Client ID:	47344	Batch ID:	47344	Test No:	SW8270C			Analysis Date:	7/6/2004	Seq No:	1016548
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Pentachlorophenol	BRL	1700									

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47344

Sample ID	MB-47344	SampType: MBLK	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/2/2004	RunNo: 52922					
Client ID:	47344	Batch ID:	TestNo: SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016548					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2640	0	3333	0	79.2	35.5	131	0	0	0	0
Surr: 2-Fluorobiphenyl	1218	0	1667	0	73.1	12.9	120	0	0	0	0
Surr: 2-Fluorophenol	2187	0	3333	0	65.6	10	119	0	0	0	0
Surr: 4-Terphenyl-d14	1379	0	1667	0	82.8	41.5	128	0	0	0	0
Surr: Nitrobenzene-d5	1102	0	1667	0	66.1	10	121	0	0	0	0
Surr: Phenol-d5	2076	0	3333	0	62.3	12.6	121	0	0	0	0

Sample ID	LCS-47344	SampType: LCS	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/2/2004	RunNo: 52922					
Client ID:	47344	Batch ID:	TestNo: SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016550					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	2518	330	3333	0	75.5	33	123	0	0	0	0
2-Chlorophenol	2582	330	3333	0	77.5	10	120	0	0	0	0
4-Chloro-3-methylphenol	2762	330	3333	0	82.9	10	138	0	0	0	0
4-Nitrophenol	4045	1700	3333	0	121	24.3	135	0	0	0	0
Acenaphthene	2481	330	3333	0	74.4	17.5	122	0	0	0	0
N-Nitrosodi-n-propylamine	2562	330	3333	0	76.9	10	129	0	0	0	0
Pentachlorophenol	2349	1700	3333	0	70.5	38.4	128	0	0	0	0
Phenol	2586	330	3333	0	77.6	10	120	0	0	0	0
Pyrene	2712	330	3333	0	81.4	58.6	120	0	0	0	0
Surr: 2,4,6-Tribromophenol	2720	0	3333	0	81.6	35.5	131	0	0	0	0
Surr: 2-Fluorobiphenyl	1244	0	1667	0	74.6	12.9	120	0	0	0	0
Surr: 2-Fluorophenol	2176	0	3333	0	65.3	10	119	0	0	0	0
Surr: 4-Terphenyl-d14	1390	0	1667	0	83.4	41.5	128	0	0	0	0
Surr: Nitrobenzene-d5	1150	0	1667	0	69	10	121	0	0	0	0
Surr: Phenol-d5	2434	0	3333	0	73	12.6	121	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47344

Sample ID	0407035-006BMS	SampType: MS	TestCode: 8270_TCL4.2	Units: µg/Kg-dry	Prep Date: 7/2/2004	RunNo: 52922					
Client ID:	AB TCLP COMP	Batch ID: 47344	TestNo: SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016552					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	3477	430	4357	0	79.8	29	123	0	0		
2-Chlorophenol	3349	430	4357	0	76.9	10	121	0	0		
4-Chloro-3-methylphenol	3755	430	4357	0	86.2	13.6	141	0	0		
4-Nitrophenol	9800	2200	4357	4138	130	10.4	152	0	0		E
Acenaphthene	3361	430	4357	0	77.2	13.9	121	0	0		
N-Nitrosodi-n-propylamine	3342	430	4357	0	76.7	10	130	0	0		
Pentachlorophenol	3336	2200	4357	0	76.6	30	133	0	0		
Phenol	3874	430	4357	451	78.6	10	120	0	0		
Pyrene	3626	430	4357	0	83.2	42.4	128	0	0		
Surr: 2,4,6-Tribromophenol	3597	0	4357	0	82.6	35.5	131	0	0		
Surr: 2-Fluorobiphenyl	1639	0	2178	0	75.3	12.9	120	0	0		
Surr: 2-Fluorophenol	3021	0	4357	0	69.4	10	119	0	0		
Surr: 4-Terphenyl-d14	1813	0	2178	0	83.2	41.5	128	0	0		
Surr: Nitrobenzene-d5	1574	0	2178	0	72.3	10	121	0	0		
Surr: Phenol-d5	3173	0	4357	0	72.8	12.6	121	0	0		

Sample ID	0407035-006BMSD	SampType: MSD	TestCode: 8270_TCL4.2	Units: µg/Kg-dry	Prep Date: 7/2/2004	RunNo: 52922					
Client ID:	AB TCLP COMP	Batch ID: 47344	TestNo: SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016553					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	3598	430	4359	0	82.5	29	123	3477	3.44	26.1	
2-Chlorophenol	3439	430	4360	0	78.9	10	121	3349	2.65	53.1	
4-Chloro-3-methylphenol	4021	430	4360	0	92.2	13.6	141	3755	6.84	34.7	
4-Nitrophenol	9301	2200	4360	4138	118	10.4	152	9800	5.23	28.7	E
Acenaphthene	3487	430	4360	0	80	13.9	121	3361	~3.67	49	
N-Nitrosodi-n-propylamine	3521	430	4360	0	80.8	10	130	3342	5.21	46.5	
Pentachlorophenol	3514	2200	4360	0	80.6	30	133	3336	5.21	26.9	
Phenol	4030	430	4360	451	82.1	10	120	3874	3.95	47.1	
Pyrene	3628	430	4360	0	83.2	42.4	128	3626	0.0546	23.9	
Surr: 2,4,6-Tribromophenol	3750	0	4360	0	86	35.5	131	3597	0	0	
Surr: 2-Fluorobiphenyl	1692	0	2180	0	77.6	12.9	120	1639	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Bclow Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47344

Sample ID	0407035-006BMSD	SampType:	MSD	Prep Date:	7/2/2004	RunNo:	52922
Client ID:	AB TCLP COMP	Batch ID:	47344	Analysis Date:	7/6/2004	SeqNo:	1016553
TestCode:	8270_TCL4.2	Units:	µg/Kg-dry	TestNo:	SW8270C		

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	3077	0	4360	0	70.6	10	119	3021	0	0	0
Surr: 4-Terphenyl-d14	1841	0	2180	0	84.4	41.5	128	1813	0	0	0
Surr: Nitrobenzene-d5	1645	0	2180	0	75.5	10	121	1574	0	0	0
Surr: Phenol-d5	3402	0	4360	0	78	12.6	121	3173	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47354

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

Sample ID	MB-47354	SampType: MBLK	TestCode: 7471A_X	Units: mg/Kg	Prep Date: 7/7/2004	RunNo: 52949						
Client ID:		Batch ID: 47354	TestNo: SW7471A		Analysis Date: 7/7/2004	SeqNo: 1017107						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		BRL	0.100	0	0	0	0	0	0	0	0	0

Sample ID	LCS-47354	SampType: LCS	TestCode: 7471A_X	Units: mg/Kg	Prep Date: 7/7/2004	RunNo: 52949						
Client ID:		Batch ID: 47354	TestNo: SW7471A		Analysis Date: 7/7/2004	SeqNo: 1017110						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		0.3841	0.100	0.4	0	96	85	115	0	0	0	0

Sample ID	0407035-009CMS	SampType: MS	TestCode: 7471A_X	Units: mg/Kg-dry	Prep Date: 7/7/2004	RunNo: 52949						
Client ID:		Batch ID: 47354	TestNo: SW7471A		Analysis Date: 7/7/2004	SeqNo: 1017112						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		0.3632	0.0964	0.3854	0	94.2	70	130	0	0	0	0

Sample ID	0407035-009CMSD	SampType: MSD	TestCode: 7471A_X	Units: mg/Kg-dry	Prep Date: 7/7/2004	RunNo: 52949						
Client ID:		Batch ID: 47354	TestNo: SW7471A		Analysis Date: 7/7/2004	SeqNo: 1017113						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		0.4003	0.105	0.4182	0	95.7	70	130	0.3632	9.73	30	30

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified



CLIENT: URS  
 Work Order: 0407035

# ANALYTICAL QC SUMMARY REPORT

Project: Red Panthers Pesticide Site

BatchID: 47355

Sample ID	MB-47355	SampType: MBLK	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52886						
Client ID:		Batch ID: 47355	TestNo: SW7471A		Analysis Date: 7/6/2004	SeqNo: 1015719						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		BRL	0.100	0	0	0	0	0	0	0	0	0

Sample ID	LCS-47355	SampType: LCS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52886						
Client ID:		Batch ID: 47355	TestNo: SW7471A		Analysis Date: 7/6/2004	SeqNo: 1015720						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.4304	0.100	0.4	0.04345	96.7	80	120	0	0	0	0

Sample ID	0407058-001BMS	SampType: MS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52886						
Client ID:		Batch ID: 47355	TestNo: SW7471A		Analysis Date: 7/6/2004	SeqNo: 1015722						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.4833	0.0940	0.376	0.04332	117	70	130	0	0	0	0

Sample ID	0407058-001BMSD	SampType: MSD	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52886						
Client ID:		Batch ID: 47355	TestNo: SW7471A		Analysis Date: 7/6/2004	SeqNo: 1015723						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.4195	0.0938	0.3752	0.04332	100	70	130	0.4833	14.1	30	30

**Qualifiers:**

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47359

Sample ID	MB-47359	Samp Type:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	47359	Batch ID:	47359	TestNo:	SW8260B	Analysis Date:	7/2/2004	LowLimit	HighLimit	RPD Ref Val	RPDLimit
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	1000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47359

Sample ID	MB-47359	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	47359	Batch ID:	47359	TestNo:	SW8260B						
Analysis Date:	7/2/2004										

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2709	0	2500	0	108	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2847	0	2500	0	114	80.1	121	0	0	0	0
Surr: Toluene-d8	2708	0	2500	0	108	67.8	145	0	0	0	0

Sample ID	LCS-47359	SampType:	LCS	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	47359	Batch ID:	47359	TestNo:	SW8260B						
Analysis Date:	7/2/2004										

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2358	250	2500	0	94.3	58.8	139	0	0	0	0
Benzene	2348	250	2500	0	93.9	77.6	128	0	0	0	0
Chlorobenzene	2627	250	2500	0	105	80.4	131	0	0	0	0
Toluene	2716	250	2500	0	109	79.4	132	0	0	0	0
Trichloroethene	2768	250	2500	0	111	81.8	147	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47359

Sample ID	LCS-47359	SampType:	LCS	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	47359	Batch ID:	47359	TestNo:	SW8260B						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 4-Bromofluorobenzene	2660	0	2500	0	106	65.3	133	0	0	0	
Surr: Dibromofluoromethane	2808	0	2500	0	112	80.1	121	0	0	0	
Surr: Toluene-d8	2634	0	2500	0	105	67.8	145	0	0	0	

Sample ID	0407035-009AMS	SampType:	MS	TestCode:	8260_TCL4.2	Units:	µg/Kg-dry	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	SILO AREA D	Batch ID:	47359	TestNo:	SW8260B						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	27370	2700	26840	0	102	46.3	140	0	0	0	
Benzene	25760	2700	26840	0	96	58.7	138	0	0	0	
Chlorobenzene	28850	2700	26840	0	108	55.3	141	0	0	0	
Toluene	36510	2700	26840	4428	120	52.1	144	0	0	0	
Trichloroethene	30450	2700	26840	0	113	65.4	148	0	0	0	
Surr: 4-Bromofluorobenzene	26940	0	26840	0	100	65.3	133	0	0	0	
Surr: Dibromofluoromethane	29720	0	26840	0	111	80.1	121	0	0	0	
Surr: Toluene-d8	29470	0	26840	0	110	67.8	145	0	0	0	

Sample ID	0407035-009AMSD	SampType:	MSD	TestCode:	8260_TCL4.2	Units:	µg/Kg-dry	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	SILO AREA D	Batch ID:	47359	TestNo:	SW8260B						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	23730	2700	26840	0	88.4	46.3	140	27370	14.2	22.9	
Benzene	26160	2700	26840	0	97.5	58.7	138	25760	1.53	16.8	
Chlorobenzene	27130	2700	26840	0	101	55.3	141	28850	6.17	23.5	
Toluene	35590	2700	26840	4428	116	52.1	144	36510	2.55	18.6	
Trichloroethene	30030	2700	26840	0	112	65.4	148	30450	1.40	21.4	
Surr: 4-Bromofluorobenzene	28040	0	26840	0	104	65.3	133	26940	0	0	
Surr: Dibromofluoromethane	29740	0	26840	0	111	80.1	121	29720	0	0	
Surr: Toluene-d8	29750	0	26840	0	111	67.8	145	29470	0	0	

**Qualifiers:** B Analytic detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47360

Sample ID	MB-47360	SampType: MBLK	TestCode: 8260B_W	Units: µg/L	Prep Date: 7/2/2004	RunNo: 52855					
Client ID:	47360	Batch ID:	SW8260B		Analysis Date: 7/2/2004	SeqNo: 1015330					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloroethene, Total	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	20									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits

BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47360

Sample ID	MB-47360	SampType:	MBLK	TestCode:	8260B_W	Units:	µg/L	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	47360	Batch ID:	47360	TestNo:	SW8260B						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Hexachlorobutadiene	BRL	5.0									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	10									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
Naphthalene	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	54.84	5.0	50	0	110	63.1	121	0	0	0	
Surr: Dibromofluoromethane	56.97	5.0	50	0	114	69.5	126	0	0	0	
Surr: Toluene-d8	52.84	5.0	50	0	106	74.2	120	0	0	0	

Sample ID	LCS-47360	SampType:	LCS	TestCode:	8260B_W	Units:	µg/L	Prep Date:	7/2/2004	RunNo:	52855
Client ID:	47360	Batch ID:	47360	TestNo:	SW8260B						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	43.5	5.0	50	0	87	58.1	142	0	0	0	
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**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47360

Sample ID	LCS-47360	SampType: LCS	TestCode: 8260B_W	Units: µg/L	Prep Date: 7/2/2004	RunNo: 52855					
Client ID:	Batch ID: 47360	Batch ID: 47360	TestNo: SW8260B		Analysis Date: 7/2/2004	SeqNo: 1015332					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Benzene	43.96	5.0	50	0	87.9	74	127	0	0		
Chlorobenzene	51.21	5.0	50	0	102	79.8	118	0	0		
Toluene	52.22	5.0	50	0	104	78.5	124	0	0		
Trichloroethene	56.1	5.0	50	0	112	74.2	138	0	0		
Surr: 4-Bromofluorobenzene	51.3	5.0	50	0	103	63.1	121	0	0		
Surr: Dibromofluoromethane	54.37	5.0	50	0	109	69.5	126	0	0		
Surr: Toluene-d8	52.43	5.0	50	0	105	74.2	120	0	0		

Sample ID	0407054-001AMS	SampType: MS	TestCode: 8260B_W	Units: µg/L	Prep Date: 7/2/2004	RunNo: 52855					
Client ID:	Batch ID: 47360	Batch ID: 47360	TestNo: SW8260B		Analysis Date: 7/2/2004	SeqNo: 1015361					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.82	5.0	50	0	85.6	51.1	151	0	0		
Benzene	45.73	5.0	50	0	91.5	68.9	131	0	0		
Chlorobenzene	48.66	5.0	50	0	97.3	75.4	123	0	0		
Toluene	53.28	5.0	50	0	107	74.8	128	0	0		
Trichloroethene	54.56	5.0	50	0	109	66.3	145	0	0		
Surr: 4-Bromofluorobenzene	53.05	5.0	50	0	106	63.1	121	0	0		
Surr: Dibromofluoromethane	55.23	5.0	50	0	110	69.5	126	0	0		
Surr: Toluene-d8	54.58	5.0	50	0	109	74.2	120	0	0		

Sample ID	0407054-001AMSD	SampType: MSD	TestCode: 8260B_W	Units: µg/L	Prep Date: 7/2/2004	RunNo: 52855					
Client ID:	Batch ID: 47360	Batch ID: 47360	TestNo: SW8260B		Analysis Date: 7/2/2004	SeqNo: 1015364					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.87	5.0	50	0	87.7	51.1	151	42.82	2.42	14.3	
Benzene	44.7	5.0	50	0	89.4	68.9	131	45.73	2.28	10	
Chlorobenzene	47.12	5.0	50	0	94.2	75.4	123	48.66	3.22	10	
Toluene	51.38	5.0	50	0	103	74.8	128	53.28	3.63	10	
Trichloroethene	51.33	5.0	50	0	103	66.3	145	54.56	6.10	11	
Surr: 4-Bromofluorobenzene	52.1	5.0	50	0	104	63.1	121	53.05	0	0	

**Qualifiers:** B Analytic detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47360

Sample ID	0407054-001AMSD	SampType: MSD	TestCode: 8260B_W	Units: µg/L	Prep Date: 7/2/2004	RunNo: 52855					
Client ID:	47360	Batch ID: 47360	TestNo: SW8260B		Analysis Date: 7/2/2004	SeqNo: 1015364					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Dibromofluoromethane	55.3	5.0	50	0	111	69.5	126	55.23	0	0	0
Surr: Toluene-d8	53.27	5.0	50	0	107	74.2	120	54.58	0	0	0

**Qualifiers:**
B Analyte detected in the associated Method Blank
BRL Below Reporting Limit
E Value above quantitation range

H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
N Analyte not NELAC certified

R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47372

Sample ID	MB-47372	SampType: MBLK	TestCode: 6010B_X	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52911					
Client ID:	47372	Batch ID:	SW6010B		Analysis Date: 7/6/2004	SeqNo: 1016302					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	BRL	5.0									
Barium	BRL	5.0									
Cadmium	BRL	2.5									
Chromium	BRL	2.5									
Lead	BRL	5.0									
Selenium	BRL	5.0									
Silver	BRL	2.5									

Sample ID	LCS-47372	SampType: LCS	TestCode: 6010B_X	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52911					
Client ID:	47372	Batch ID:	SW6010B		Analysis Date: 7/6/2004	SeqNo: 1016301					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	51.44	5.0	50	0	103	85	115	0	0		
Barium	50.21	5.0	50	0	100	85	115	0	0		
Cadmium	52.22	2.5	50	0	104	85	115	0	0		
Chromium	52.08	2.5	50	0	104	85	115	0	0		
Lead	50.95	5.0	50	0	102	85	115	0	0		
Selenium	50.51	5.0	50	0	101	85	115	0	0		
Silver	5.03	2.5	5	0	101	85	115	0	0		

Sample ID	0407035-009CMS	SampType: MS	TestCode: 6010B_X	Units: mg/Kg-dry	Prep Date: 7/6/2004	RunNo: 52911					
Client ID:	SILO AREA D	Batch ID:	SW6010B		Analysis Date: 7/6/2004	SeqNo: 1016305					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	8.096	4.0	40.09	0	20.2	75	125	0	0		S
Barium	47.6	4.0	40.09	15.22	80.8	75	125	0	0		
Cadmium	35.69	2.0	40.09	0	89	75	125	0	0		
Chromium	58.15	2.0	40.09	24.08	85	75	125	0	0		
Lead	40.71	4.0	40.09	8.878	79.4	75	125	0	0		
Selenium	BRL	4.0	40.09	0	0	75	125	0	0		S
Silver	3.655	2.0	4.009	0	91.2	75	125	0	0		

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47372

Sample ID	0407035-009CDUP	SampType: DUP	TestCode: 6010B_X	Units: mg/Kg-dry	Prep Date: 7/6/2004	RunNo: 52911					
Client ID:	SILO AREA D	Batch ID: 47372	TestNo: SW6010B		Analysis Date: 7/6/2004	SeqNo: 1016304					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	4.4	0	0	0	0	0	0	0	0	20
Barium	14.93	4.4	0	0	0	0	0	15.22	1.92	0	20
Cadmium	BRL	2.2	0	0	0	0	0	0	0	0	20
Chromium	22.56	2.2	0	0	0	0	0	24.08	6.51	0	20
Lead	8.688	4.4	0	0	0	0	0	8.878	2.16	0	20
Selenium	BRL	4.4	0	0	0	0	0	0	0	0	20
Silver	BRL	2.2	0	0	0	0	0	0	0	0	20

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47378

Sample ID MB-47378      SampType: MBLK      TestCode: 8081\_TCL\_S      Units: µg/Kg      Prep Date: 7/16/2004      RunNo: 53058  
 Client ID:      Batch ID: 47378      TestNo: SW8081A      Analysis Date: 7/9/2004      SeqNo: 1019341

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	BRL	3.3									
4,4'-DDE	BRL	3.3									
4,4'-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	3.3									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	15.75	0	16.67	0	94.5	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	13.79	0	16.67	0	82.7	16.4	135	0	0	0	

Sample ID LCS-47378      SampType: LCS      TestCode: 8081\_TCL\_S      Units: µg/Kg      Prep Date: 7/16/2004      RunNo: 53058  
 Client ID:      Batch ID: 47378      TestNo: SW8081A      Analysis Date: 7/9/2004      SeqNo: 1019342

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	44.27	3.3	41.67	0	106	57.4	131	0	0	0	
Aldrin	15.82	1.7	16.67	0	94.9	51.3	150	0	0	0	
Dieldrin	43.24	3.3	41.67	0	104	70.8	124	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank      BRL Below Reporting Limit      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits      N Analyte not NELAC certified  
 R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

**BatchID: 47378**

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

Sample ID	LCS-47378	SampType: LCS	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 7/6/2004	RunNo: 53058					
Client ID:	47378	Batch ID:	SW8081A	TestNo:	7/9/2004	1019342					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Endrin	45.97	3.3	41.67	0	110	59.5	117	0	0	0	
gamma-BHC	14.73	3.3	16.67	0	84.8	52.8	115	0	0	0	
Heptachlor	20.5	1.7	16.67	0	123	36.7	153	0	0	0	
Surr: Decachlorobiphenyl	16.21	0	16.67	0	97.3	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	12.96	0	16.67	0	77.7	16.4	135	0	0	0	

Sample ID	0407120-010BMS	SampType: MS	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 7/6/2004	RunNo: 53058					
Client ID:	47378	Batch ID:	SW8081A	TestNo:	7/9/2004	1019344					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
4,4'-DDT	42.36	3.3	41.61	7.305	84.2	37.4	131	0	0	0	
Aldrin	14.71	1.7	16.65	0	88.3	53.1	134	0	0	0	
Dieldrin	41.11	3.3	41.61	0	98.8	10	163	0	0	0	
Endrin	44	3.3	41.61	0	106	10.2	148	0	0	0	
gamma-BHC	12.72	3.3	16.65	0	76.4	37.1	125	0	0	0	
Heptachlor	18.84	1.7	16.65	0	113	41	140	0	0	0	
Surr: Decachlorobiphenyl	15	0	16.65	0	90.1	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	11.11	0	16.65	0	66.7	16.4	135	0	0	0	

Sample ID	0407120-010BMSD	SampType: MSD	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 7/6/2004	RunNo: 53058					
Client ID:	47378	Batch ID:	SW8081A	TestNo:	7/9/2004	1019345					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
4,4'-DDT	44.06	3.3	41.64	7.305	88.3	37.4	131	42.36	3.93	29.9	
Aldrin	15.8	1.7	16.66	0	94.8	53.1	134	14.71	7.14	35.3	
Dieldrin	42.31	3.3	41.64	0	102	10	163	41.11	2.86	26	
Endrin	44.26	3.3	41.64	0	106	10.2	148	44	0.577	25.4	
gamma-BHC	14.47	3.3	16.66	0	86.9	37.1	125	12.72	12.9	37.4	
Heptachlor	13.53	1.7	16.66	0	81.2	41	140	18.84	32.8	33.8	
Surr: Decachlorobiphenyl	15.72	0	16.66	0	94.3	11.2	135	15	0	0	
Surr: Tetrachloro-m-xylene	13.89	0	16.66	0	83.4	16.4	135	11.11	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** 47385

Sample ID	MB-47385	SampType: MBLK	TestCode: 8151_TCL_X	Units: µg/Kg	Prep Date: 7/6/2004	RunNo: 53081					
Client ID:	47385	Batch ID: 47385	TestNo: SW8151A		Analysis Date: 7/9/2004	SeqNo: 1019896					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	500									
2,4,5-TP (Silvex)	BRL	500									
2,4-D	BRL	500									
2,4-DB	BRL	500									
Dalapon	BRL	500									
Dicamba	BRL	500									
Dichlorprop	BRL	500									
Dinoseb	BRL	500									
MCPA	BRL	5000									
MCPPP	BRL	5000									
Surr: DCAA	5018	0	5000	0	100	20	127	0	0	0	

Sample ID	LCS-47385	SampType: LCS	TestCode: 8151_TCL_X	Units: µg/Kg	Prep Date: 7/6/2004	RunNo: 53081					
Client ID:	47385	Batch ID: 47385	TestNo: SW8151A		Analysis Date: 7/9/2004	SeqNo: 1019898					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	4839	500	5000	0	96.8	19	125	0	0	0	
2,4,5-TP (Silvex)	4760	500	5000	0	95.2	25	120	0	0	0	
2,4-D	4677	500	5000	0	93.5	18	139	0	0	0	
Dicamba	4562	500	5000	0	91.2	28	123	0	0	0	
Dichlorprop	6200	500	5000	0	124	11	142	0	0	0	
Surr: DCAA	5312	0	5000	0	106	20	127	0	0	0	

Sample ID	0407035-009BMS	SampType: MS	TestCode: 8151_TCL_X	Units: µg/Kg-dry	Prep Date: 7/6/2004	RunNo: 53130					
Client ID:	SILO AREA D	Batch ID: 47385	TestNo: SW8151A		Analysis Date: 7/12/2004	SeqNo: 1020968					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	51000	5112	0	0	40	150	0	0	0	S
2,4,5-TP (Silvex)	BRL	51000	5112	0	0	40	150	0	0	0	S
2,4-D	BRL	51000	5112	930.1	-18.2	40	150	0	0	0	S
Dicamba	BRL	51000	5112	0	0	40	150	0	0	0	S

**Qualifiers:** B Analytic detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analytic not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47385

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

Sample ID	0407035-009BMS	SampType: MS	TestCode: 8151_TCL_X	Units: µg/Kg-dry	Prep Date: 7/6/2004	RunNo: 53130					
Client ID:	SILO AREA D	Batch ID: 47385	TestNo: SW8151A		Analysis Date: 7/12/2004	SeqNo: 1020968					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorprop	BRL	51000	5112	4894	-95.7	40	150	0	0	0	S
Surr: DCAA	BRL	0	5112	0	0	20	127	0	0	0	S

Sample ID	0407035-009BMSD	SampType: MSD	TestCode: 8151_TCL_X	Units: µg/Kg-dry	Prep Date: 7/6/2004	RunNo: 53130					
Client ID:	SILO AREA D	Batch ID: 47385	TestNo: SW8151A		Analysis Date: 7/12/2004	SeqNo: 1020969					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	BRL	54000	5367	0	0	40	150	0	0	48	S
2,4,5-TP (Silvex)	BRL	54000	5367	0	0	40	150	0	0	41	S
2,4-D	BRL	54000	5367	930.1	-17.3	40	150	0	0	45	S
Dicamba	BRL	54000	5367	0	0	40	150	0	0	42	S
Dichlorprop	BRL	54000	5367	4894	-91.2	40	150	0	0	40	S
Surr: DCAA	BRL	0	5367	0	0	20	127	0	0	0	S

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47390

Sample ID	MB-47390	SampType: MBLK	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52920					
Client ID:	47390	Batch ID: 47390	TestNo: SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016529					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1'-Biphenyl	BRL										
2,4,5-Trichlorophenol	BRL										
2,4,6-Trichlorophenol	BRL										
2,4-Dichlorophenol	BRL										
2,4-Dimethylphenol	BRL										
2,4-Dinitrophenol	BRL										
2,4-Dinitrotoluene	BRL										
2,6-Dinitrotoluene	BRL										
2-Chloronaphthalene	BRL										
2-Chlorophenol	BRL										
2-Methylnaphthalene	BRL										
2-Methylphenol	BRL										
2-Nitroaniiline	BRL										
2-Nitrophenol	BRL										
3,3'-Dichlorobenzidine	BRL										
3-Nitroaniiline	BRL										
4,6-Dinitro-2-methylphenol	BRL										
4-Bromophenyl phenyl ether	BRL										
4-Chloro-3-methylphenol	BRL										
4-Chloroaniiline	BRL										
4-Chlorophenyl phenyl ether	BRL										
4-Methylphenol	BRL										
4-Nitroaniiline	BRL										
4-Nitrophenol	BRL										
Acenaphthene	BRL										
Acenaphthylene	BRL										
Acetophenone	BRL										
Anthracene	BRL										
Atrazine	BRL										
Benz(a)anthracene	BRL										
Benzaldehyde	BRL										

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47390

Sample ID	MB-47390	SampType	MBLK	TestCode	8270_TCL4.2	Units	mg/Kg	Prep Date	7/6/2004	RunNo	52920
Client ID:	47390	Batch ID:	47390	TestNo:	SW8270C			Analysis Date:	7/6/2004	SeqNo:	1016529
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzo(a)pyrene	BRL	100									
Benzo(b)fluoranthene	BRL	100									
Benzo(g,h,i)perylene	BRL	100									
Benzo(k)fluoranthene	BRL	100									
Bis(2-chloroethoxy)methane	BRL	100									
Bis(2-chloroethyl)ether	BRL	100									
Bis(2-chloroisopropyl)ether	BRL	100									
Bis(2-ethylhexyl)phthalate	BRL	100									
Butyl benzyl phthalate	BRL	100									
Caprolactam	BRL	100									
Carbazole	BRL	100									
Chrysene	BRL	100									
Dibenz(a,h)anthracene	BRL	100									
Dibenzofuran	BRL	100									
Diethyl phthalate	BRL	100									
Dimethyl phthalate	BRL	100									
Di-n-butyl phthalate	BRL	100									
Di-n-octyl phthalate	BRL	100									
Fluoranthene	BRL	100									
Fluorene	BRL	100									
Hexachlorobenzene	BRL	100									
Hexachlorobutadiene	BRL	100									
Hexachlorocyclopentadiene	BRL	100									
Hexachloroethane	BRL	100									
Indeno(1,2,3-cd)pyrene	BRL	100									
Isophorone	BRL	100									
Naphthalene	BRL	100									
Nitrothalene	BRL	100									
Nitrobenzene	BRL	100									
N-Nitrosodi-n-propylamine	BRL	100									
N-Nitrosodiphenylamine	BRL	100									
Pentachlorophenol	BRL	500									

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R		RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47390

Sample ID	MB-47390	SampType: MBLK	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52920					
Client ID:	47390	Batch ID:	SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016529					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	BRL	100									
Phenol	BRL	100									
Pyrene	BRL	100									
Surr: 2,4,6-Tribromophenol	1003	0	1000	0	100	35.5	131	0	0	0	
Surr: 2-Fluorobiphenyl	459.3	0	500	0	91.9	12.9	120	0	0	0	
Surr: 2-Fluorophenol	838.4	0	1000	0	83.8	10	119	0	0	0	
Surr: 4-Terphenyl-d14	453.6	0	500	0	90.7	41.5	128	0	0	0	
Surr: Nitrobenzene-d5	480	0	500	0	96	10	121	0	0	0	
Surr: Phenol-d5	903.2	0	1000	0	90.3	12.6	121	0	0	0	

Sample ID	LCS-47390	SampType: LCS	TestCode: 8270_TCL4.2	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52920					
Client ID:	47390	Batch ID:	SW8270C		Analysis Date: 7/6/2004	SeqNo: 1016530					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	997.8	100	1000	0	99.8	33	123	0	0	0	
2-Chlorophenol	940.5	100	1000	0	94	10	118	0	0	0	
4-Chloro-3-methylphenol	1061	100	1000	0	106	10	138	0	0	0	
4-Nitrophenol	1077	500	1000	0	108	24.3	135	0	0	0	
Acenaphthene	931.5	100	1000	0	93.2	17.5	122	0	0	0	
N-Nitrosodi-n-propylamine	1063	100	1000	0	106	10	129	0	0	0	
Pentachlorophenol	1382	500	1000	0	138	38.5	128	0	0	0	
Phenol	966.4	100	1000	0	96.6	10	115	0	0	0	
Pyrene	953.5	100	1000	0	95.4	58.6	117	0	0	0	
Surr: 2,4,6-Tribromophenol	1110	0	1000	0	111	35.5	131	0	0	0	
Surr: 2-Fluorobiphenyl	496	0	500	0	99.2	12.9	120	0	0	0	
Surr: 2-Fluorophenol	935.3	0	1000	0	93.5	10	119	0	0	0	
Surr: 4-Terphenyl-d14	485.8	0	500	0	97.2	41.5	128	0	0	0	
Surr: Nitrobenzene-d5	534.8	0	500	0	107	10	121	0	0	0	
Surr: Phenol-d5	1003	0	1000	0	100	12.6	121	0	0	0	S

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47390

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

Sample ID 0407035-009BMS    SampType: MS    TestCode: 8270\_TCL4.2    Units: mg/Kg-dry    Prep Date: 7/6/2004    RunNo: 52920  
 Client ID: SILO AREA D    Batch ID: 47390    TestNo: SW8270C    Analysis Date: 7/6/2004    SeqNo: 1016532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	311.9	110	1073	0	29.1	29	123	0	0	0	
2-Chlorophenol	303.9	110	1073	0	28.3	10	121	0	0	0	
4-Chloro-3-methylphenol	BRL	110	1073	0	0	13.6	141	0	0	0	S
4-Nitrophenol	BRL	540	1073	0	0	10.4	152	0	0	0	S
Acenaphthene	469.8	110	1073	0	43.8	13.9	121	0	0	0	
N-Nitrosodi-n-propylamine	474.3	110	1073	0	44.2	10	130	0	0	0	
Pentachlorophenol	BRL	540	1073	0	0	30	133	0	0	0	S
Phenol	316.1	110	1073	0	29.4	10	119	0	0	0	
Pyrene	438.5	110	1073	0	40.9	42.4	128	0	0	0	S
Surr: 2,4,6-Tribromophenol	BRL	0	1073	0	0	35.5	131	0	0	0	S
Surr: 2-Fluorobiphenyl	243.2	0	536.7	0	45.3	12.9	120	0	0	0	
Surr: 2-Fluorophenol	173.8	0	1073	0	16.2	10	119	0	0	0	
Surr: 4-Terphenyl-d14	220.1	0	536.7	0	41	41.5	128	0	0	0	S
Surr: Nitrobenzene-d5	224.1	0	536.7	0	41.8	10	121	0	0	0	
Surr: Phenol-d5	307.8	0	1073	0	28.7	12.6	121	0	0	0	

Sample ID 0407035-009BMSD    SampType: MSD    TestCode: 8270\_TCL4.2    Units: mg/Kg-dry    Prep Date: 7/6/2004    RunNo: 52920  
 Client ID: SILO AREA D    Batch ID: 47390    TestNo: SW8270C    Analysis Date: 7/6/2004    SeqNo: 1016533

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	323.5	100	1022	0	31.6	29	123	311.9	3.63	26.1	
2-Chlorophenol	329.7	100	1022	0	32.2	10	121	303.9	8.15	53.1	
4-Chloro-3-methylphenol	BRL	100	1022	0	0	13.6	141	0	0	34.7	S
4-Nitrophenol	BRL	510	1022	0	0	10.4	152	0	0	28.7	S
Acenaphthene	563.7	100	1022	0	55.1	13.9	121	469.8	~18.2	49	
N-Nitrosodi-n-propylamine	572.1	100	1022	0	56	10	130	474.3	18.7	46.5	
Pentachlorophenol	BRL	510	1022	0	0	30	133	0	0	26.9	S
Phenol	349.7	100	1022	0	34.2	10	119	316.1	10.1	47.1	
Pyrene	515.4	100	1022	0	50.4	42.4	128	438.5	16.1	23.9	
Surr: 2,4,6-Tribromophenol	BRL	0	1022	0	0	35.5	131	0	0	0	S
Surr: 2-Fluorobiphenyl	280.8	0	511.2	0	54.9	12.9	120	243.2	0	0	

**Qualifiers:** B Analytic detected in the associated Method Blank    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47390

Sample ID	0407035-009BMSD	Samp Type:	MSD	TestCode:	8270_TCL4.2	Units:	mg/Kg-dry	Prep Date:	7/6/2004	RunNo:	52920
Client ID:	SILO AREA D	Batch ID:	47390	TestNo:	SW8270C			Analysis Date:	7/6/2004	SeqNo:	1016533

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	112.5	0	1022	0	11	10	119	173.8	0	0	0
Surr: 4-Terphenyl-d14	249	0	511.2	0	48.7	41.5	128	220.1	0	0	0
Surr: Nitrobenzene-d5	258.4	0	511.2	0	50.6	10	121	224.1	0	0	0
Surr: Phenol-d5	310.9	0	1022	0	30.4	12.6	121	307.8	0	0	0

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified



CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47391

Sample ID	MB-47391	SampType: MBLK	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52958					
Client ID:	47391	Batch ID: 47391	TestNo: SW8081A		Analysis Date: 7/8/2004	SeqNo: 1017769					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDD	BRL	0.10									
4,4'-DDE	BRL	0.10									
4,4'-DDT	BRL	0.10									
Aldrin	BRL	0.050									
alpha-BHC	BRL	0.050									
alpha-Chlordane	BRL	0.050									
beta-BHC	BRL	0.050									
Chlordane	BRL	5.0									
delta-BHC	BRL	0.050									
Dieldrin	BRL	0.10									
Endosulfan I	BRL	0.050									
Endosulfan II	BRL	0.10									
Endosulfan sulfate	BRL	0.10									
Endrin	BRL	0.10									
Endrin aldehyde	BRL	0.10									
Endrin ketone	BRL	0.10									
gamma-BHC	BRL	0.050									
gamma-Chlordane	BRL	0.050									
Heptachlor	BRL	0.050									
Heptachlor epoxide	BRL	0.050									
Methoxychlor	BRL	0.50									
Toxaphene	BRL	5.0									
Surr: Decachlorobiphenyl	0.4698	0	0.5	0	94	30	150	0	0	0	
Surr: Tetrachloro-m-xylene	0.5282	0	0.5	0	106	30	150	0	0	0	

Sample ID	LCS-47391	SampType: LCS	TestCode: 8081_TCL_X	Units: mg/Kg	Prep Date: 7/6/2004	RunNo: 52958					
Client ID:	47391	Batch ID: 47391	TestNo: SW8081A		Analysis Date: 7/8/2004	SeqNo: 1017771					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDT	1.104	0.10	1.25	0	88.3	38	127	0	0	0	
Aldrin	0.5041	0.050	0.5	0	101	40	120	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47391

Sample ID	LCS-47391	SampType:	LCS	TestCode:	8081_TCL_X	Units:	mg/Kg	Prep Date:	7/6/2004	RunNo:	52958
Client ID:		Batch ID:	47391	TestNo:	SW8081A			Analysis Date:	7/8/2004	SeqNo:	1017771

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Dieldrin	1.298	0.10	1.25	0	104	52	126	0	0	0	
Endrin	1.254	0.10	1.25	0	100	56	121	0	0	0	
gamma-BHC	0.5316	0.050	0.5	0	106	56	123	0	0	0	
Heptachlor	0.4702	0.050	0.5	0	94	40	131	0	0	0	
Surr: Decachlorobiphenyl	0.4768	0	0.5	0	95.4	30	150	0	0	0	
Surr: Tetrachloro-m-xylene	0.5322	0	0.5	0	106	30	150	0	0	0	

Sample ID	0407035-009BMS	SampType:	MS	TestCode:	8081_TCL_X	Units:	mg/Kg-dry	Prep Date:	7/6/2004	RunNo:	52958
Client ID:	SILO AREA D	Batch ID:	47391	TestNo:	SW8081A			Analysis Date:	7/8/2004	SeqNo:	1017776

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
4,4'-DDT	BRL	11	1.342	1.601	-119	38	127	0	0	0	S
Aldrin	BRL	5.4	0.5367	0	0	40	120	0	0	0	S
Dieldrin	BRL	11	1.342	0	0	52	126	0	0	0	S
Endrin	BRL	11	1.342	0	0	56	121	0	0	0	S
gamma-BHC	BRL	5.4	0.5367	0	0	56	123	0	0	0	S
Heptachlor	BRL	5.4	0.5367	0	0	40	131	0	0	0	S
Surr: Decachlorobiphenyl	BRL	0	0.5367	0	0	30	150	0	0	0	S
Surr: Tetrachloro-m-xylene	BRL	0	0.5367	0	0	30	150	0	0	0	S

Sample ID	0407035-009BMSD	SampType:	MSD	TestCode:	8081_TCL_X	Units:	mg/Kg-dry	Prep Date:	7/6/2004	RunNo:	52958
Client ID:	SILO AREA D	Batch ID:	47391	TestNo:	SW8081A			Analysis Date:	7/8/2004	SeqNo:	1017778

Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
4,4'-DDT	BRL	10	1.266	1.601	-126	38	127	1.647	0	0	S
Aldrin	BRL	5.1	0.5063	0	0	40	120	0.7648	0	0	S
Dieldrin	BRL	10	1.266	0	0	52	126	1.51	0	0	S
Endrin	BRL	10	1.266	0	0	56	121	3.99	0	0	S
gamma-BHC	BRL	5.1	0.5063	0	0	56	123	1.056	0	0	S
Heptachlor	BRL	5.1	0.5063	0	0	40	131	0.4663	0	0	S
Surr: Decachlorobiphenyl	BRL	0	0.5063	0	0	30	150	0.2938	0	0	S

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47391

Sample ID	0407035-009BMSD	SampType: MSD	TestCode: 8081_TCL_X	Units: mg/Kg-dry	Prep Date: 7/6/2004	RunNo: 52958						
Client ID:	SILO AREA D	Batch ID: 47391	TestNo: SW8081A		Analysis Date: 7/8/2004	SeqNo: 1017778						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene		BRL	0	0.5063	0	0	30	150	0.4536	0	0	S

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H		Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R		RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47396

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

Sample ID	MB-47396	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/7/2004	RunNo: 52940						
Client ID:		Batch ID: 47396	TestNo: SW1311/7470		Analysis Date: 7/7/2004	SeqNo: 1016867						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		BRL	0.00400									

Sample ID	LCS-47396	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/7/2004	RunNo: 52940						
Client ID:		Batch ID: 47396	TestNo: SW1311/7470		Analysis Date: 7/7/2004	SeqNo: 1016868						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		0.04443	0.00400	0.04	0	111	80	120	0		0	

Sample ID	0406E74-001AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/7/2004	RunNo: 52940						
Client ID:		Batch ID: 47396	TestNo: SW1311/7470		Analysis Date: 7/7/2004	SeqNo: 1016870						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		0.04465	0.00400	0.04	0	112	80	120	0		0	

Sample ID	0406E74-001AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/7/2004	RunNo: 52940						
Client ID:		Batch ID: 47396	TestNo: SW1311/7470		Analysis Date: 7/7/2004	SeqNo: 1016871						
Analyte	Mercury	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
		0.04452	0.00400	0.04	0	111	80	120	0.04465	0.293	20	

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**BatchID:** 47452  
**ANALYTICAL QC SUMMARY REPORT**

**Sample ID** MB-47452    **SampType:** MBLK    **TestCode:** 8260\_TCL4.2    **Units:** µg/Kg    **Prep Date:** 7/7/2004    **RunNo:** 52994  
**Client ID:**    **Batch ID:** 47452    **Analysis Date:** 7/8/2004    **SeqNo:** 1017899  
**TestNo:** SW8260B

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank    BRL Below Reporting Limit    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits

CLIENT: URS

Work Order: 0407035

Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47452

Sample ID	MB-47452	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/7/2004	RunNo:	52994
Client ID:	47452	Batch ID:	47452	TestNo:	SW8260B			Analysis Date:	7/8/2004	SeqNo:	1017899
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2886	0	2500	0	115	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2196	0	2500	0	87.9	80.1	121	0	0	0	0
Surr: Toluene-d8	2150	0	2500	0	86	67.8	145	0	0	0	0

Sample ID	0407035-006AMS	SampType:	MS	TestCode:	8260_TCL4.2	Units:	µg/Kg-dry	Prep Date:	7/7/2004	RunNo:	52945
Client ID:	AB TCLP COMP	Batch ID:	47452	TestNo:	SW8260B			Analysis Date:	7/7/2004	SeqNo:	1017048
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	3280	330	3272	0	100	46.3	140	0	0	0	0
Benzene	3214	330	3272	0	98.2	58.7	138	0	0	0	0
Chlorobenzene	3240	330	3272	0	99	55.3	141	0	0	0	0
Toluene	3628	330	3272	0	111	52.1	144	0	0	0	0
Trichloroethene	3722	330	3272	0	114	65.4	148	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site  
 BatchID: 47452

# ANALYTICAL QC SUMMARY REPORT

Sample ID	0407035-006AMS	SampType: MS	TestCode: 8260_TCL4.2	Units: µg/Kg-dry	Prep Date: 7/7/2004	RunNo: 52945						
Client ID:	AB TCLP COMP	Batch ID: 47452	TestNo: SW8260B		Analysis Date: 7/7/2004	SeqNo: 1017048						
Analyte		Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene		3837	0	3272	0	117	65.3	133	0	0	0	0
Surr: Dibromofluoromethane		3710	0	3272	0	113	80.1	121	0	0	0	0
Surr: Toluene-d8		3771	0	3272	0	115	67.8	145	0	0	0	0

Sample ID	0407035-006AMSD	SampType: MSD	TestCode: 8260_TCL4.2	Units: µg/Kg-dry	Prep Date: 7/7/2004	RunNo: 52945						
Client ID:	AB TCLP COMP	Batch ID: 47452	TestNo: SW8260B		Analysis Date: 7/7/2004	SeqNo: 1017050						
Analyte		Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1-Dichloroethene		3043	330	3272	0	93	46.3	140	3280	7.49	22.9	
Benzene		2936	330	3272	0	89.7	58.7	138	3214	9.02	16.8	
Chlorobenzene		3005	330	3272	0	91.9	55.3	141	3240	7.50	23.5	
Toluene		3508	330	3272	0	107	52.1	144	3628	3.36	18.6	
Trichloroethene		3312	330	3272	0	101	65.4	148	3722	11.7	21.4	
Surr: 4-Bromofluorobenzene		3754	0	3272	0	115	65.3	133	3837	0	0	
Surr: Dibromofluoromethane		3395	0	3272	0	104	80.1	121	3710	0	0	
Surr: Toluene-d8		3471	0	3272	0	106	67.8	145	3771	0	0	

Sample ID	MB-47452	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/7/2004	RunNo: 52945						
Client ID:		Batch ID: 47452	TestNo: SW8260B		Analysis Date: 7/7/2004	SeqNo: 1017043						
Analyte		Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane		BRL	250									
1,1,2,2-Tetrachloroethane		BRL	250									
1,1,2-Trichloroethane		BRL	250									
1,1-Dichloroethane		BRL	250									
1,1-Dichloroethene		BRL	250									
1,2,4-Trichlorobenzene		BRL	250									
1,2-Dibromo-3-chloropropane		BRL	250									
1,2-Dibromoethane		BRL	250									
1,2-Dichlorobenzene		BRL	250									
1,2-Dichloroethane		BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



# ANALYTICAL QC SUMMARY REPORT

**BatchID: 47452**

**CLIENT:** URS  
**Work Order:** 0407035

**Project:** Red Panthers Pesticide Site

Sample ID MB-47452	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/7/2004	RunNo: 52945						
Client ID:	Batch ID: 47452	TestNo: SW8260B		Analysis Date: 7/7/2004	SeqNo: 1017043						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloroethene, Total	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Hexachlorobutadiene	BRL	250									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47452

Sample ID MB-47452    SampType: MBLK    TestCode: 8260B\_S    Units: µg/Kg    Prep Date: 7/7/2004    RunNo: 52945  
 Client ID:    Batch ID: 47452    TestNo: SW8260B    Analysis Date: 7/7/2004    SeqNo: 1017043

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	BRL	1000									
Naphthalene	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Xylenes, Total	BRL	250									
Surr: 4-Bromofluorobenzene	2588	2500	0	0	104	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2862	2500	0	0	114	80.1	121	0	0	0	0
Surr: Toluene-d8	2692	2500	0	0	108	67.8	145	0	0	0	0

Sample ID LCS-47452    SampType: LCS    TestCode: 8260B\_S    Units: µg/Kg    Prep Date: 7/7/2004    RunNo: 52945  
 Client ID:    Batch ID: 47452    TestNo: SW8260B    Analysis Date: 7/7/2004    SeqNo: 1017045

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	2392	250	2500	0	95.7	58.8	139	0	0	0	0
Benzene	2393	250	2500	0	95.7	77.6	128	0	0	0	0
Chlorobenzene	2527	250	2500	0	101	80.4	131	0	0	0	0
Toluene	2784	250	2500	0	111	79.4	132	0	0	0	0
Trichloroethene	2812	250	2500	0	112	81.8	147	0	0	0	0
Surr: 4-Bromofluorobenzene	2618	250	2500	0	105	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2850	250	2500	0	114	80.1	121	0	0	0	0
Surr: Toluene-d8	2666	250	2500	0	107	67.8	145	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank    BRL Below Reporting Limit    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**ANALYTICAL QC SUMMARY REPORT**  
**BatchID:** 47510

Sample ID	MB-47510	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034					
Client ID:	Batch ID: 47510	Batch ID: 47510	TestNo: SW1311/8260		Analysis Date: 7/9/2004	SeqNo: 1018655					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	1.037	0	1	0	104	63.1	121	0	0	0	
Surr: Dibromofluoromethane	1.125	0	1	0	113	69.5	126	0	0	0	
Surr: Toluene-d8	1.094	0	1	0	109	74.2	120	0	0	0	

Sample ID	MB-47510	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53162					
Client ID:	Batch ID: 47510	Batch ID: 47510	TestNo: SW1311/8260		Analysis Date: 7/13/2004	SeqNo: 1021652					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	1.085	0	1	0	109	63.1	121	0	0	0	
Surr: Dibromofluoromethane	1.009	0	1	0	101	69.5	126	0	0	0	
Surr: Toluene-d8	1.042	0	1	0	104	74.2	120	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47510

Sample ID	LCS-47510	SampType: LCS	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034					
Client ID:	47510	Batch ID:	SW1311/8260	TestNo:	7/9/2004	SeqNo: 1018657					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.8024	0.10	1	0	80.2	61	131	0	0		*
1,2-Dichloroethane	1.119	0.10	1	0	112	76	129	0	0		*
2-Butanone	1.065	0.20	1	0	106	25	161	0	0		
Benzene	0.8986	0.10	1	0	89.9	77	126	0	0		*
Carbon tetrachloride	1.489	0.10	2	0	74.5	66	131	0	0		*
Chlorobenzene	1.006	0.10	1	0	101	80	121	0	0		
Chloroform	0.9448	0.10	1	0	94.5	76	129	0	0		
Tetrachloroethene	1.071	0.10	1	0	107	64	133	0	0		*
Trichloroethene	1.103	0.10	1	0	110	71	125	0	0		*
Vinyl chloride	0.8064	0.040	1	0	80.6	45	131	0	0		*
Surr: 4-Bromofluorobenzene	1.081	0	1	0	108	63.1	121	0	0		
Surr: Dibromofluoromethane	0.9614	0	1	0	96.1	69.5	126	0	0		
Surr: Toluene-d8	1.008	0	1	0	101	74.2	120	0	0		

Sample ID	0407089-002CMS	SampType: MS	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034					
Client ID:	47510	Batch ID:	SW1311/8260	TestNo:	7/9/2004	SeqNo: 1018661					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.8472	0.10	1	0	84.7	61	131	0	0		*
1,2-Dichloroethane	1.095	0.10	1	0	110	76	129	0	0		*
2-Butanone	1.132	0.20	1	0	113	25	161	0	0		
Benzene	0.9002	0.10	1	0	90	77	126	0	0		*
Carbon tetrachloride	1.513	0.10	2	0	75.6	66	131	0	0		*
Chlorobenzene	1.024	0.10	1	0	102	80	121	0	0		
Chloroform	0.941	0.10	1	0	94.1	76	129	0	0		
Tetrachloroethene	1.074	0.10	1	0	107	64	133	0	0		*
Trichloroethene	1.058	0.10	1	0	106	71	125	0	0		*
Vinyl chloride	0.939	0.040	1	0	93.9	45	131	0	0		*
Surr: 4-Bromofluorobenzene	1.122	0	1	0	112	63.1	121	0	0		
Surr: Dibromofluoromethane	0.9608	0	1	0	96.1	69.5	126	0	0		
Surr: Toluene-d8	0.9854	0	1	0	98.5	74.2	120	0	0		

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47510

Sample ID	0407089-002C	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034						
Client ID:	Batch ID: 47510	TestNo: SW1311/8260		Analysis Date: 7/9/2004	SeqNo: 1018711						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	BRL	0.10	0	0	0	0	0	0	0	30	
2-Butanone	BRL	0.20	0	0	0	0	0	0	0	30	
Benzene	BRL	0.10	0	0	0	0	0	0	0	30	
Carbon tetrachloride	BRL	0.10	0	0	0	0	0	0	0	30	
Chlorobenzene	BRL	0.10	0	0	0	0	0	0	0	30	
Chloroform	BRL	0.10	0	0	0	0	0	0	0	30	
Tetrachloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Trichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Vinyl chloride	BRL	0.040	0	0	0	0	0	0	0	30	
Surr: 4-Bromofluorobenzene	0.894	0	1	0	89.4	71.8	143	0.8594	0	0	
Surr: Dibromofluoromethane	0.9678	0	1	0	96.8	80.3	123	0.984	0	0	
Surr: Toluene-d8	0.9578	0	1	0	95.8	70.1	142	0.9346	0	0	

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47515

Sample ID MB-47515	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071							
Client ID:	TestNo: SW8270C		Analysis Date: 7/9/2004	SeqNo: 1019508							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1'-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3'-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** 47515

Sample ID MB-47515      SampType: MBLK      TestCode: 8270\_TCL4.2      Units: µg/Kg      Prep Date: 7/9/2004      RunNo: 53071  
 Client ID:                      Batch ID: 47515                      TestNo: SW8270C                      Analysis Date: 7/9/2004                      SeqNo: 1019508

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Pentachlorophenol	BRL	1700									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits

BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range  
 N Analyte not NELAC certified



CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47515

Sample ID	MB-47515	SampType: MBLK	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/19/2004	RunNo: 53071					
Client ID:	47515	Batch ID:	TestNo: SW8270C		Analysis Date: 7/19/2004	SeqNo: 1019508					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2913	0	3333	0	87.4	35.5	131	0	0	0	
Surr: 2-Fluorobiphenyl	1222	0	1667	0	73.3	12.9	120	0	0	0	
Surr: 2-Fluorophenol	2221	0	3333	0	66.6	10	119	0	0	0	
Surr: 4-Terphenyl-d14	1392	0	1667	0	83.5	41.5	128	0	0	0	
Surr: Nitrobenzene-d5	1126	0	1667	0	67.6	10	121	0	0	0	
Surr: Phenol-d5	2204	0	3333	0	66.1	12.6	121	0	0	0	

Sample ID	LCS-47515	SampType: LCS	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/19/2004	RunNo: 53071					
Client ID:	47515	Batch ID:	TestNo: SW8270C		Analysis Date: 7/19/2004	SeqNo: 1019510					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	2881	330	3333	0	86.4	33	123	0	0	0	
2-Chlorophenol	2566	330	3333	0	77	10	120	0	0	0	
4-Chloro-3-methylphenol	2928	330	3333	0	87.8	10	138	0	0	0	
4-Nitrophenol	3667	1700	3333	0	110	24.3	135	0	0	0	
Acenaphthene	2733	330	3333	0	82	17.5	122	0	0	0	
N-Nitrosodi-n-propylamine	2841	330	3333	0	85.2	10	129	0	0	0	
Pentachlorophenol	3144	1700	3333	0	94.3	38.4	128	0	0	0	
Phenol	2628	330	3333	0	78.8	10	120	0	0	0	
Pyrene	2891	330	3333	0	86.7	58.6	120	0	0	0	
Surr: 2,4,6-Tribromophenol	3076	0	3333	0	92.3	35.5	131	0	0	0	
Surr: 2-Fluorobiphenyl	1287	0	1667	0	77.2	12.9	120	0	0	0	
Surr: 2-Fluorophenol	2118	0	3333	0	63.5	10	119	0	0	0	
Surr: 4-Terphenyl-d14	1426	0	1667	0	85.6	41.5	128	0	0	0	
Surr: Nitrobenzene-d5	1242	0	1667	0	74.5	10	121	0	0	0	
Surr: Phenol-d5	1993	0	3333	0	59.8	12.6	121	0	0	0	

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** 47515

Sample ID	0407302-005AMS	SampType: MS	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071					
Client ID:	Batch ID: 47515		TestNo: SW8270C		Analysis Date: 7/9/2004	SeqNo: 1019513					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	2340	330	3329	0	70.3	29	123	0	0	0	
2-Chlorophenol	2340	330	3329	0	70.3	10	121	0	0	0	
4-Chloro-3-methylphenol	2608	330	3329	0	78.3	13.6	141	0	0	0	
4-Nitrophenol	2535	1700	3329	0	76.1	10.4	152	0	0	0	
Acenaphthene	2244	330	3329	0	67.4	13.9	121	0	0	0	
N-Nitrosodi-n-propylamine	2493	330	3329	0	74.9	10	130	0	0	0	
Pentachlorophenol	2565	1700	3329	0	77	30	133	0	0	0	
Phenol	2336	330	3329	0	70.2	10	120	0	0	0	
Pyrene	2246	330	3329	74.26	65.2	42.4	128	0	0	0	
Surr: 2,4,6-Tribromophenol	2503	0	3329	0	75.2	35.5	131	0	0	0	
Surr: 2-Fluorobiphenyl	1096	0	1664	0	65.8	12.9	120	0	0	0	
Surr: 2-Fluorophenol	2034	0	3329	0	61.1	10	119	0	0	0	
Surr: 4-Terphenyl-d14	1071	0	1664	0	64.4	41.5	128	0	0	0	
Surr: Nitrobenzene-d5	1142	0	1664	0	68.6	10	121	0	0	0	
Surr: Phenol-d5	2290	0	3329	0	68.8	12.6	121	0	0	0	

Sample ID	0407302-005AMSD	SampType: MSD	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071					
Client ID:	Batch ID: 47515		TestNo: SW8270C		Analysis Date: 7/9/2004	SeqNo: 1019514					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1982	330	3329	0	59.5	29	123	2340	16.6	26.1	
2-Chlorophenol	2049	330	3329	0	61.6	10	121	2340	13.2	53.1	
4-Chloro-3-methylphenol	2408	330	3329	0	72.3	13.6	141	2608	7.96	34.7	
4-Nitrophenol	2189	1700	3329	0	65.8	10.4	152	2535	14.6	28.7	
Acenaphthene	2009	330	3329	0	60.4	13.9	121	2244	11.0	49	
N-Nitrosodi-n-propylamine	2111	330	3329	0	63.4	10	130	2493	16.6	46.5	
Pentachlorophenol	2217	1700	3329	0	66.6	30	133	2565	14.5	26.9	
Phenol	2046	330	3329	0	61.5	10	120	2336	13.2	47.1	
Pyrene	1976	330	3329	74.26	57.1	42.4	128	2246	12.8	23.9	
Surr: 2,4,6-Tribromophenol	2150	0	3329	0	64.6	35.5	131	2503	0	0	
Surr: 2-Fluorobiphenyl	967	0	1664	0	58.1	12.9	120	1096	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

CLIENT: URS

Work Order: 0407035

Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47515

Sample ID 0407302-005AMSD SampType: MSD TestCode: 8270\_TCL4.2 Units: µg/Kg Prep Date: 7/9/2004 RunNo: 53071  
 Client ID: Batch ID: 47515 TestNo: SW8270C Analysis Date: 7/9/2004 SeqNo: 1019514

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	1819	0	3329	0	54.6	10	119	2034	0	0	0
Surr: 4-Terphenyl-d14	938.4	0	1664	0	56.4	41.5	128	1071	0	0	0
Surr: Nitrobenzene-d5	1107	0	1664	0	66.5	10	121	1142	0	0	0
Surr: Phenol-d5	1932	0	3329	0	58	12.6	121	2290	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47532

Sample ID MB-47532      SampType: MBLK      TestCode: 8260\_TCL4.2      Units: µg/Kg      Prep Date: 7/9/2004      RunNo: 53068  
 Client ID:      Batch ID: 47532      TestNo: SW8260B      Analysis Date: 7/9/2004      SeqNo: 1019439

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits

BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**ANALYTICAL QC SUMMARY REPORT**  
**BatchID:** 47532

**Sample ID** MB-47532    **SampType:** MBLK    **TestCode:** 8260\_TCL4.2    **Units:** µg/Kg    **Prep Date:** 7/9/2004    **RunNo:** 53068  
**Client ID:**    **Batch ID:** 47532    **TestNo:** SW8260B    **Analysis Date:** 7/9/2004    **SeqNo:** 1019439

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	10									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	36.1	0	50	0	72.2	65.3	133	0	0	0	
Surr: Dibromofluoromethane	51.54	0	50	0	103	80.1	121	0	0	0	
Surr: Toluene-d8	45.5	0	50	0	91	67.8	145	0	0	0	

**Sample ID** MB-47532    **SampType:** MBLK    **TestCode:** 8260\_TCL4.2    **Units:** µg/Kg    **Prep Date:** 7/9/2004    **RunNo:** 53134  
**Client ID:**    **Batch ID:** 47532    **TestNo:** SW8260B    **Analysis Date:** 7/12/2004    **SeqNo:** 1021030

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									

**Qualifiers:** B Analyte detected in the associated Method Blank    BRL Below Reporting Limit    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47532

Sample ID	MB-47532	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53134
Client ID:	47532	Batch ID:	47532	TestNo:	SW8260B	Analysis Date:	7/12/2004	SeqNo:	1021030		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	10									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47532

Sample ID	MB-47532	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53134
Client ID:	47532	Batch ID:	47532	TestNo:	SW8260B						
Analysis Date:	7/12/2004	Analysis Date:	7/12/2004	Analysis Date:	7/12/2004						

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	37.33	0	50	0	74.7	65.3	133	0	0	0	
Surr: Dibromofluoromethane	50.92	0	50	0	102	80.1	121	0	0	0	
Surr: Toluene-d8	44.8	0	50	0	89.6	67.8	145	0	0	0	

Sample ID	0407302-001AMS	SampType:	MS	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53134
Client ID:	47532	Batch ID:	47532	TestNo:	SW8260B						
Analysis Date:	7/12/2004	Analysis Date:	7/12/2004	Analysis Date:	7/12/2004						

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.96	5.0	50	0	134	46.3	140	0	0	0	
Benzene	49.06	5.0	50	0	98.1	58.7	138	0	0	0	
Chlorobenzene	45.96	5.0	50	0	91.9	55.3	141	0	0	0	
Toluene	44.71	5.0	50	0	89.4	52.1	144	0	0	0	
Trichloroethene	52.17	5.0	50	0	104	65.4	148	0	0	0	
Surr: 4-Bromofluorobenzene	35.54	0	50	0	71.1	65.3	133	0	0	0	
Surr: Dibromofluoromethane	50.58	0	50	0	101	80.1	121	0	0	0	
Surr: Toluene-d8	44.82	0	50	0	89.6	67.8	145	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47532

Sample ID	0407302-001AMSD	SampType:	MSD	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53134
Client ID:		Batch ID:	47532	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1021038
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	65.05	5.0	50	0	130	46.3	140	66.96	2.89	22.9	
Benzene	48.53	5.0	50	0	97.1	58.7	138	49.06	1.09	16.8	
Chlorobenzene	47.39	5.0	50	0	94.8	55.3	141	45.96	3.06	23.5	
Toluene	43.8	5.0	50	0	87.6	52.1	144	44.71	2.06	18.6	
Trichloroethene	51.03	5.0	50	0	102	65.4	148	52.17	2.21	21.4	
Surr: 4-Bromofluorobenzene	36.2	0	50	0	72.4	65.3	133	35.54	0	0	
Surr: Dibromofluoromethane	50.16	0	50	0	100	80.1	121	50.58	0	0	
Surr: Toluene-d8	44.55	0	50	0	89.1	67.8	145	44.82	0	0	

Sample ID	MB-47532	SampType:	MBLK	TestCode:	8260B_S	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53073
Client ID:		Batch ID:	47532	TestNo:	SW8260B			Analysis Date:	7/9/2004	SeqNo:	1019558
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloroethene, Total	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	10									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47532

Sample ID	MB-47532	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53073					
Client ID:	47532	Batch ID: 47532	TestNo: SW8260B		Analysis Date: 7/9/2004	SeqNo: 1019558					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Hexachlorobutadiene	BRL	5.0									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	10									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
Naphthalene	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47532

Sample ID	MB-47532	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53073
Client ID:	47532	Batch ID:	SW8260B		Analysis Date: 7/9/2004	SeqNo: 1019558

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	40.89	5.0	50	0	81.8	65.3	133	0	0	0	
Surr: Dibromofluoromethane	43.87	5.0	50	0	87.7	80.1	121	0	0	0	
Surr: Toluene-d8	43.66	5.0	50	0	87.3	67.8	145	0	0	0	

Sample ID	LCS-47532	SampType: LCS	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53073
Client ID:	47532	Batch ID:	SW8260B		Analysis Date: 7/9/2004	SeqNo: 1019561

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.27	5.0	50	0	117	58.8	139	0	0	0	
Benzene	57.57	5.0	50	0	115	77.6	128	0	0	0	
Chlorobenzene	58.99	5.0	50	0	118	80.4	131	0	0	0	
Toluene	58.55	5.0	50	0	117	79.4	132	0	0	0	
Trichloroethene	57.46	5.0	50	0	115	81.8	147	0	0	0	
Surr: 4-Bromofluorobenzene	40.48	5.0	50	0	81	65.3	133	0	0	0	
Surr: Dibromofluoromethane	43.98	5.0	50	0	88	80.1	121	0	0	0	
Surr: Toluene-d8	43.83	5.0	50	0	87.7	67.8	145	0	0	0	

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	BRL Below Reporting Limit	E Value above quantitation range
H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits	N Analyte not NELAC certified	
R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47534

Sample ID	MB-47534	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/9/2004	RunNo: 53065					
Client ID:	47534	Batch ID: 47534	TestNo: SW6010B		Analysis Date: 7/9/2004	SeqNo: 1019656					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID	LCS-47534	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/9/2004	RunNo: 53065					
Client ID:	47534	Batch ID: 47534	TestNo: SW6010B		Analysis Date: 7/9/2004	SeqNo: 1019655					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	46.91	5.00	50	0	93.8	80	120	0	0		
Barium	46.73	5.00	50	0.118	93.2	80	120	0	0		
Cadmium	47.8	2.50	50	0.023	95.6	80	120	0	0		
Chromium	48.19	2.50	50	0.441	95.5	80	120	0	0		
Lead	46.9	5.00	50	0	93.8	80	120	0	0		
Selenium	44.62	5.00	50	0	89.2	80	120	0	0		
Silver	4.526	2.50	5	0	90.5	80	120	0	0		

Sample ID	0406F09-002AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg-dry	Prep Date: 7/9/2004	RunNo: 53065					
Client ID:	47534	Batch ID: 47534	TestNo: SW6010B		Analysis Date: 7/9/2004	SeqNo: 1019659					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	56.95	5.17	51.75	10.05	90.6	75	125	0	0		
Barium	226.3	5.17	51.75	168.7	111	75	125	0	0		
Cadmium	48.02	2.59	51.75	0.426	92	75	125	0	0		
Chromium	66.33	2.59	51.75	17.3	94.7	75	125	0	0		
Lead	62.12	5.17	51.75	13.8	93.4	75	125	0	0		
Selenium	43.83	5.17	51.75	0	84.7	75	125	0	0		
Silver	4.66	2.59	5.175	0	90.1	75	125	0	0		

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**BatchID:** 47534  
**ANALYTICAL QC SUMMARY REPORT**

**Sample ID:** 0406F09-002ADUP    **SampType:** DUP    **TestCode:** 6010B\_S    **Units:** mg/Kg-dry    **Prep Date:** 7/9/2004    **RunNo:** 53065  
**Client ID:**    **Batch ID:** 47534    **TestNo:** SW6010B    **Analysis Date:** 7/9/2004    **SeqNo:** 1019658

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	9.142	5.06	0	0	0	0	0	10.05	9.41	20	
Barium	171.2	5.06	0	0	0	0	0	168.7	1.45	20	
Cadmium	BRL	2.53	0	0	0	0	0	0.426	0	20	
Chromium	18.31	2.53	0	0	0	0	0	17.3	5.65	20	
Lead	12.92	5.06	0	0	0	0	0	13.8	6.53	20	
Selenium	BRL	5.06	0	0	0	0	0	0	0	20	
Silver	BRL	2.53	0	0	0	0	0	0	0	20	

**Qualifiers:** B Analyte detected in the associated Method Blank    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits  
 BRL Below Reporting Limit    J Analyte detected below quantitation limits

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47539

Sample ID	MB-47539	SampType:	MBLK	TestCode:	8081_TCL_S	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53208
Client ID:	47539	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDD	BRL	3.3									
4,4'-DDE	BRL	3.3									
4,4'-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	3.3									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	11.62	0	16.67	0	69.7	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	13.78	0	16.67	0	82.6	16.4	135	0	0	0	

Sample ID	LCS-47539	SampType:	LCS	TestCode:	8081_TCL_S	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53208
Client ID:	47539	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDT	39.22	3.3	41.67	0	94.1	57.4	131	0	0	0	
Aldrin	13.79	1.7	16.67	0	82.7	51.3	150	0	0	0	
Dieldrin	39.17	3.3	41.67	0	94	70.8	124	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47539

Sample ID	LCS-47539	SampType:	LCS	TestCode:	8081_TCL_S	Units:	µg/Kg	Prep Date:	7/19/2004	RunNo:	53208
Client ID:	47539	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

Endrin	39.86	3.3	41.67	0	95.7	59.5	117	0	0	0	
gamma-BHC	14.02	3.3	16.67	0	84.1	52.8	115	0	0	0	
Heptachlor	12.69	1.7	16.67	0	76.1	36.7	153	0	0	0	
Surr: Decachlorobiphenyl	11.97	0	16.67	0	71.8	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	13.95	0	16.67	0	83.7	16.4	135	0	0	0	

Sample ID	0406F09-006BMS	SampType:	MS	TestCode:	8081_TCL_S	Units:	µg/Kg-dry	Prep Date:	7/19/2004	RunNo:	53208
Client ID:	47539	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

4,4'-DDT	59.75	4.2	52.68	10.46	93.6	37.4	131	0	0	0	
Aldrin	17.48	2.1	21.07	1.064	77.9	53.1	134	0	0	0	
Dieldrin	135.1	4.2	52.68	87.58	90.3	10	163	0	0	0	E
Endrin	64.14	4.2	52.68	0	122	10.2	148	0	0	0	
gamma-BHC	16.38	4.2	21.07	0	77.7	37.1	125	0	0	0	
Heptachlor	15.12	2.1	21.07	0	71.8	41	140	0	0	0	
Surr: Decachlorobiphenyl	14.21	0	21.07	0	67.4	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	13.14	0	21.07	0	62.4	16.4	135	0	0	0	

Sample ID	0406F09-006BMSD	SampType:	MSD	TestCode:	8081_TCL_S	Units:	µg/Kg-dry	Prep Date:	7/19/2004	RunNo:	53208
Client ID:	47539	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

4,4'-DDT	58.23	4.2	52.59	10.46	90.8	37.4	131	59.75	2.57	29.9	
Aldrin	17.79	2.1	21.04	1.064	79.5	53.1	134	17.48	1.76	35.3	
Dieldrin	133.7	4.2	52.59	87.58	87.7	10	163	135.1	1.06	26	
Endrin	62.95	4.2	52.59	0	120	10.2	148	64.14	1.86	25.4	
gamma-BHC	16.55	4.2	21.04	0	78.7	37.1	125	16.38	1.08	37.4	
Heptachlor	15.41	2.1	21.04	0	73.2	41	140	15.12	1.85	33.8	
Surr: Decachlorobiphenyl	13.1	0	21.04	0	62.3	11.2	135	14.21	0	0	
Surr: Tetrachloro-m-xylene	15.4	0	21.04	0	73.2	16.4	135	13.14	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47602

Sample ID: MB-47602	SampType: MBLK	TestCode: 8260_TCL4.2	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53225
Client ID:	Batch ID: 47602	TestNo: SW8260B		Analysis Date: 7/14/2004	SeqNo: 1023176

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									

Qualifiers:	B	Analyte detected in the associated Method Blank	H	Holding times for preparation or analysis exceeded	R	RPD outside accepted recovery limits	BRL	Below Reporting Limit	J	Analyte detected below quantitation limits	S	Spike Recovery outside accepted recovery limits	E	Value above quantitation range	N	Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47602

Sample ID	MB-47602	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53225
Client ID:	47602	Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/14/2004	SeqNo:	1023176
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2754	0	2500	0	110	65.3	133	0	0	0	
Surr: Dibromofluoromethane	2514	0	2500	0	101	80.1	121	0	0	0	
Surr: Toluene-d8	2626	0	2500	0	105	67.8	145	0	0	0	

Sample ID	0407035-001AMS	SampType:	MS	TestCode:	8260_TCL4.2	Units:	µg/Kg-dry	Prep Date:	7/12/2004	RunNo:	53117
Client ID:	AB TCLP 15 2-6	Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020551
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

1,1-Dichloroethene	24930	1800	18380	0	136	46.3	140	0	0	0	
Benzene	21500	1800	18380	0	117	58.7	138	0	0	0	
Chlorobenzene	19520	1800	18380	0	106	55.3	141	0	0	0	
Toluene	21680	1800	18380	0	118	52.1	144	0	0	0	
Trichloroethene	20350	1800	18380	0	111	65.4	148	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site  
 BatchID: 47602

# ANALYTICAL QC SUMMARY REPORT

Sample ID	0407035-001AMS	SampType:	MS	TestCode:	8260_TCL4.2	Units:	µg/Kg-dry	Prep Date:	7/12/2004	RunNo:	53117
Client ID:	AB TCLP 15 2-6	Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020551
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	19550	0	18380	0	106	65.3	133	0	0	0	
Surr: Dibromofluoromethane	18950	0	18380	0	103	80.1	121	0	0	0	
Surr: Toluene-d8	19440	0	18380	0	106	67.8	145	0	0	0	

Sample ID	0407035-001AMSD	SampType:	MSD	TestCode:	8260_TCL4.2	Units:	µg/Kg-dry	Prep Date:	7/12/2004	RunNo:	53117
Client ID:	AB TCLP 15 2-6	Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020553
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	24450	1800	18380	0	133	46.3	140	24930	1.97	22.9	
Benzene	21830	1800	18380	0	119	58.7	138	21500	1.54	16.8	
Chlorobenzene	20840	1800	18380	0	113	55.3	141	19520	6.54	23.5	
Toluene	22670	1800	18380	0	123	52.1	144	21680	4.49	18.6	
Trichloroethene	21150	1800	18380	0	115	65.4	148	20350	3.84	21.4	
Surr: 4-Bromofluorobenzene	20310	0	18380	0	110	65.3	133	19550	0	0	
Surr: Dibromofluoromethane	19040	0	18380	0	104	80.1	121	18950	0	0	
Surr: Toluene-d8	19930	0	18380	0	108	67.8	145	19440	0	0	

Sample ID	MB-47602	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53117
Client ID:		Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020558
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS

Work Order: 0407035

Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47602

Sample ID	MB-47602	SampType	MBLK	TestCode	8260_TCL4.2	Units	µg/Kg	Prep Date	7/12/2004	RunNo	53117
Client ID:	47602	Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020558
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	1000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47602

Sample ID	MBLK	SampType	TestCode: 8260_TCL4.2	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53117					
Client ID:	47602	Batch ID:	TestNo: SW8260B		Analysis Date: 7/12/2004	SeqNo: 1020558					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2461	0	2500	0	98.4	65.3	133	0	0		
Surr: Dibromofluoromethane	2630	0	2500	0	105	80.1	121	0	0		
Surr: Toluene-d8	2668	0	2500	0	107	67.8	145	0	0		

Sample ID	MBLK	SampType	TestCode: 8260_TCL4.2	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53225					
Client ID:	47602	Batch ID:	TestNo: SW8260B		Analysis Date: 7/14/2004	SeqNo: 1023173					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropene	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47602

Sample ID MB-47602    SampType: MBLK    TestCode: 8260\_TCL4.2    Units: µg/Kg    Prep Date: 7/12/2004    RunNo: 53225  
 Client ID:    Batch ID: 47602    TestNo: SW8260B    Analysis Date: 7/14/2004    SeqNo: 1023173

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	1000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank    BRL Below Reporting Limit    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** 47602

Sample ID	MB-47602	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53225
Client ID:	47602	Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/14/2004	SeqNo:	1023173
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2754	0	2500	0	110	65.3	133	0	0	0	
Surr: Dibromofluoromethane	2514	0	2500	0	101	80.1	121	0	0	0	
Surr: Toluene-d8	2626	0	2500	0	105	67.8	145	0	0	0	

Sample ID	MB-47602	SampType:	MBLK	TestCode:	8260B_S	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53117
Client ID:	47602	Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020532
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloroethene, Total	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									

<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		



CLIENT: URS  
 Work Order: 0407035

# ANALYTICAL QC SUMMARY REPORT

Project: Red Panthers Pesticide Site

BatchID: 47602

Sample ID MB-47602	SampleType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53117						
Client ID:	Batch ID: 47602	TestNo: SW8260B		Analysis Date: 7/12/2004	SeqNo: 1020532						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Hexachlorobutadiene	BRL	250									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
Naphthalene	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits

E Value above quantitation range  
 N Analyte not NELAC certified

BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47602

Sample ID MB-47602    SampType: MBLK    TestCode: 8260B\_S    Units: µg/Kg    Prep Date: 7/12/2004    RunNo: 53117  
 Client ID: 47602    Batch ID: 47602    TestNo: SW8260B    Analysis Date: 7/12/2004    SeqNo: 1020532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	BRL	500									
Xylenes, Total	BRL	250									
Surr: 4-Bromofluorobenzene	2461	250	2500	0	98.4	65.3	133	0	0	0	
Surr: Dibromofluoromethane	2630	250	2500	0	105	80.1	121	0	0	0	
Surr: Toluene-d8	2668	250	2500	0	107	67.8	145	0	0	0	

Sample ID MB-47602    SampType: MBLK    TestCode: 8260B\_S    Units: µg/Kg    Prep Date: 7/12/2004    RunNo: 53253  
 Client ID: 47602    Batch ID: 47602    TestNo: SW8260B    Analysis Date: 7/15/2004    SeqNo: 1023837

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloroethene, Total	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank    BRL Below Reporting Limit    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0407035

Project: Red Panthers Pesticide Site

BatchID: 47602

Sample ID MB-47602	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53253						
Client ID:	Batch ID: 47602	TestNo: SW8260B		Analysis Date: 7/15/2004	SeqNo: 1023837						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Hexachlorobutadiene	BRL	250									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
Naphthalene	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits

BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0407035  
**Project:** Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

**BatchID:** 47602

Sample ID	MB-47602	SampType:	MBLK	TestCode:	8260B_S	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53253
Client ID:	47602	Batch ID:	47602	TestNo:	SW8260B						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Xylenes, Total	BRL	250									
Surr: 4-Bromofluorobenzene	2703	250	2500	0	108	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2534	250	2500	0	101	80.1	121	0	0	0	0
Surr: Toluene-d8	2644	250	2500	0	106	67.8	145	0	0	0	0

Sample ID	LCS-47602	SampType:	LCS	TestCode:	8260B_S	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53117
Client ID:	47602	Batch ID:	47602	TestNo:	SW8260B						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3460	250	2500	0	138	58.8	139	0	0	0	0
Benzene	2940	250	2500	0	118	77.6	128	0	0	0	0
Chlorobenzene	2742	250	2500	0	110	80.4	131	0	0	0	0
Toluene	3020	250	2500	0	121	79.4	132	0	0	0	0
Trichloroethene	2847	250	2500	0	114	81.8	147	0	0	0	0
Surr: 4-Bromofluorobenzene	2511	250	2500	0	100	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2590	250	2500	0	104	80.1	121	0	0	0	0
Surr: Toluene-d8	2588	250	2500	0	104	67.8	145	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits

BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits

E Value above quantitation range  
N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**BatchID: 47624**

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

Sample ID	MB-47624	SampType: MBLK	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151						
Client ID:		Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021483						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		BRL	0.100	0	0	0	0	0	0	0	0	0

Sample ID	LCS-47624	SampType: LCS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151						
Client ID:		Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021484						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.4211	0.100	0.4	0.02169	99.8	80	120	0	0	0	0

Sample ID	0407303-001BMS	SampType: MS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151						
Client ID:		Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021486						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.4083	0.0988	0.395	0.03561	94.4	70	130	0	0	0	0

Sample ID	0407303-001BMSD	SampType: MSD	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151						
Client ID:		Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021487						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.3943	0.0929	0.3715	0.03561	96.5	70	130	0.4083	3.51	30	30

**Qualifiers:**

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47670

CLIENT: URS  
 Work Order: 0407035  
 Project: Red Panthers Pesticide Site

Sample ID	MB-47670	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/14/2004	RunNo: 53218						
Client ID:		Batch ID: 47670	TestNo: SW13117470		Analysis Date: 7/14/2004	SeqNo: 1022943						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		BRL	0.00400	0	0	0	0	0	0	0	0	0

Sample ID	LCS-47670	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/14/2004	RunNo: 53218						
Client ID:		Batch ID: 47670	TestNo: SW13117470		Analysis Date: 7/14/2004	SeqNo: 1022945						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury			0.04147	0.04	0.000667	102	80	120	0	0	0	0

Sample ID	0407035-002CMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/14/2004	RunNo: 53218						
Client ID:	AB TCLP 16 2-6	Batch ID: 47670	TestNo: SW13117470		Analysis Date: 7/14/2004	SeqNo: 1022950						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury			0.04206	0.04	0.000954	103	80	120	0	0	0	0

Sample ID	0407035-002CMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 7/14/2004	RunNo: 53218						
Client ID:	AB TCLP 16 2-6	Batch ID: 47670	TestNo: SW13117470		Analysis Date: 7/14/2004	SeqNo: 1022952						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury			0.04174	0.04	0.000954	102	80	120	0.04206	0.776	20	20

**Qualifiers:**

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		



**AES**

July 19, 2004

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

Brent Jacobs  
URS  
400 Northpark Town Center  
1000 Abernathy Road Nor  
Atlanta, GA 30328

TEL: (678) 808-8915

FAX (678) 808-8400

RE: Red Panthers Pesticide Site

Order No.: 0406F09

Dear Brent Jacobs:

Analytical Environmental Services, Inc. received 10 samples on 6/30/2004 9:55:00 AM for the analyses presented in the following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative. AES' certifications are as follows:

-NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water, effective 06/01/04-04/30/05.

-AIHA Certification number 505 for analysis of Air, Paint Chips, Soil and Dust Wipes, effective until 02/01/07.

These results relate only to the items tested. This report may only be reproduced in full and contains 61 total pages (including cover letter).

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Allison Cantrell  
Project Manager



COIN OF CUSTODY

ANALYTICAL ENVIRONMENTAL SERVICES, INC.  
 3785 Presidential Pkwy., Atlanta, GA 30340-3704  
 TEL: (770)457-8177 / TOLL FREE: (800)972-4889 / FAX: (770)457-8188

Work Order: 206 F09

Date: 6/28/04 Page 1 of 1

COMPANY:		ADDRESS:		ANALYSIS REQUESTED		REMARKS	No # of Containers
URS Atlanta		On File					
PHONE:	678 808 8915	FAX:	678 808 8400				
SAMPLED BY:	Brent B Jacobs	SIGNATURE:	<i>Brent B Jacobs</i>				
#	SAMPLE ID	DATE	TIME	SAMPLED	Grab	Composite	Matrix (See codes)
	D1E OPT1 0-1	6/28/04	1410		X		S
	D1E OPT1 1-2	6/28/04	1420		X		S
	D1E OPT2 0-1	6/28/04	1440		X		S
	D1E OPT2 1-2	6/28/04	1445		X		S
	A-D50 OPT1 0-1	6/28/04	1510		X		S
	A-D50 OPT1 1-2	6/28/04	1515		X		S
	A-D50 OPT2 0-1	6/28/04	1540		X		S
	A-D50 OPT2 1-2	6/28/04	1545		X		S
	AB TGLP14 2-6	6/28/04	1640		X	X	S
	AB TGLP14 6-10	6/28/04			X	X	S
RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:	
1:				Viktor V. J. J. J.		6/30/04	
2:						9:55	
3:							
SPECIAL INSTRUCTIONS COMMENTS: * Report on dry weight basis							
PROJECT INFORMATION				RECEIPT			
PROJECT NAME: Red Panther				Total # of Containers			
PROJECT #:				Turnaround Time Request			
FAC ID#:				Standard 3-5 Business Days			
SITE ADDRESS:				Same Day Rush (auth req)			
PROJECT MANAGER: Brent Jacobs				Next Business Day Rush			
INVOICE TO: Same as above				2 Business Day Rush			
				Other			
				PROGRAM (see codes)			
PROJECT MANAGER: Brent Jacobs				DATA PACKAGE: I II III IV			
INVOICE TO: Same as above							

MA IRIX CODES: A - Air GW - Groundwater SE - Sediment SO - Soil SW - Surface Water W - Water (Blanks) O - Other (specify)  
 PRESERVATIVE CODES: H - Hydrochloric acid + ice I - Ice only N - Nitric acid + ice S - Sulfuric acid + ice O - Other (specify) NA - None  
 PROGRAM: FLUST FLDC ALUST INUST MSUST NCUST SCUST GAUST GACONV FLCONV

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client URS Atlanta

Work Order Number 0406 F09

Checklist completed by Viktor Vitebsky 6/30/04  
Signature Date

Carrier name: FedEx  UPS  Courier  Client  US Mail  Other

Shipping container/cooler in good condition? Yes  No  Not Present

Custody seals intact on shipping container/cooler? Yes  No  Not Present

Custody seals intact on sample bottles? Yes  No  Not Present

Container/Temp Blank temperature in compliance? (4°C±2)\* Yes  No

Cooler #1 3.0°C Cooler #2 \_\_\_\_\_ Cooler #3 \_\_\_\_\_ Cooler #4 \_\_\_\_\_ Cooler#5 \_\_\_\_\_ Cooler #6 \_\_\_\_\_

Chain of custody present? Yes  No

Chain of custody signed when relinquished and received? Yes  No   
*NOG 6/30/04*

Chain of custody agrees with sample labels? Yes  No

Samples in proper container/bottle? Yes  No

Sample containers intact? Yes  No

Sufficient sample volume for indicated test? Yes  No

All samples received within holding time? Yes  No

Was TAT marked on the COC? Yes  No

Proceed with Standard TAT as per project history? Yes  No  Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? Yes  No  Not Applicable

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

See Case Narrative for resolution of the Non-Conformance.

\* Samples do not have to comply with the given range for certain parameters.

**CLIENT:** URS  
**Project:** Red Panthers Pesticide Site  
**Lab Order:** 0406F09

**CASE NARRATIVE**

Per Brent Jacobs 7/1/04, prep samples TCLP 14 2-6 and TCLP 14 6-10 for TCLP Analysis.

Per Brent Jacobs request on 07/09/04, multiple samples and fractions were taken off hold for additional analyses. All additional parameters will be analyzed at standard turnaround time per client request.

Analyze the samples listed below for Dieldrin, Toxaphene, and As.

D1E DPT1 1-2

D1E DPT2 1-2

ADSD DPT1 1-2

ADSD DPT2 1-2

Also, analyze samples TCLP14 2-6 and TCLP 14 6-10 for Full TCLP, totals for RCRA metals, VOCs, SVOCs, and Pesticides.

Per Brent Jacobs 7/14/04, report all 8081 compounds for all samples in this workorder. Dieldrin and Toxaphene only were previously requested.

Pesticide Analysis by Method 8081:

"NC" (Not Confirmed) qualifier indicates tentative target compound ID due to >40% relative percent difference between primary and confirmation column. SW-846 requires that the highest value be reported and the data qualified when significant disagreement between columns occurs.

Percent recovery for the surrogate spiking compounds Decachlorobiphenyl and Tetrachloro-m-xylene on sample 0406F09-005, -007 and -008 were outside control limits biased low due to suspected matrix interference. All other surrogate recoveries were within control limits.

Dieldrin value for the QC sample 0406F09-006BMS is "E" qualified indicating an estimated value over linear calibration range due to the level of target analyte present in the unspiked sample.

Volatile Organic Compounds Analysis by Method 8260B:

Sample 0406F09-010A was analyzed outside holding time of 14 days.

Due to sample matrix, samples 0406F09-009A and -010A required dilution during preparation and/or analysis resulting in elevated reporting limits.

**Analytical Environmental Services, Inc.**

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-009

**Client Sample ID:** AB TCLP14 2-6  
**Collection Date:** 6/28/2004 4:40:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A</b>	<b>(SW3510B)</b>	<b>Analyst: WDP</b>		
2,4,5-TP (Silvex)	BRL	0.0050	mg/L	47327	1	7/12/2004 10:53:00 P
2,4-D	BRL	0.050	mg/L	47327	1	7/12/2004 10:53:00 P
Surr: DCAA	109	22.8-136	%REC	47327	1	7/12/2004 10:53:00 P
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A</b>	<b>(SW3510B)</b>	<b>Analyst: JMZ</b>		
Chlordane	BRL	0.010	mg/L	47326	1	7/2/2004 4:37:00 PM
Endrin	BRL	0.0010	mg/L	47326	1	7/2/2004 4:37:00 PM
gamma-BHC	BRL	0.00050	mg/L	47326	1	7/2/2004 4:37:00 PM
Heptachlor	BRL	0.00050	mg/L	47326	1	7/2/2004 4:37:00 PM
Heptachlor epoxide	BRL	0.00050	mg/L	47326	1	7/2/2004 4:37:00 PM
Methoxychlor	BRL	0.0050	mg/L	47326	1	7/2/2004 4:37:00 PM
Toxaphene	BRL	0.050	mg/L	47326	1	7/2/2004 4:37:00 PM
Surr: Decachlorobiphenyl	63.1	10-121	%REC	47326	1	7/2/2004 4:37:00 PM
Surr: Tetrachloro-m-xylene	93.3	10.9-125	%REC	47326	1	7/2/2004 4:37:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		<b>Analyst: JMZ</b>		
4,4'-DDD	65	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
4,4'-DDE	24	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
4,4'-DDT	28	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Aldrin	BRL	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
alpha-BHC	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
alpha-Chlordane	BRL	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
beta-BHC	11	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
delta-BHC	BRL	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Dieldrin	23	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Endosulfan I	BRL	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Endosulfan II	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Endosulfan sulfate	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Endrin	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Endrin aldehyde	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Endrin ketone	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
gamma-BHC	BRL	4.3	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
gamma-Chlordane	BRL	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Heptachlor	BRL	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Heptachlor epoxide	BRL	2.1	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Methoxychlor	BRL	21	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Toxaphene	BRL	210	µg/Kg-dry	47539	1	7/14/2004 5:48:00 PM
Surr: Decachlorobiphenyl	55.1	11.2-135	%REC	47539	1	7/14/2004 5:48:00 PM
Surr: Tetrachloro-m-xylene	81.5	16.4-135	%REC	47539	1	7/14/2004 5:48:00 PM
<b>MERCURY, TCLP</b>		<b>SW1311/7470A</b>	<b>(SW7470A)</b>	<b>Analyst: EM</b>		
Mercury	BRL	0.00400	mg/L	47670	1	7/14/2004 2:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

CLIENT: URS  
 Lab Order: 0406F09  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0406F09-009

Client Sample ID: AB TCLP14 2-6  
 Collection Date: 6/28/2004 4:40:00 PM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B</b>		<b>(SW3010A)</b>		Analyst: CDW	
Arsenic	22.1	0.250	*	mg/L	47333	1	7/2/2004 4:30:00 PM
Barium	BRL	0.500		mg/L	47333	1	7/2/2004 4:30:00 PM
Cadmium	BRL	0.0250		mg/L	47333	1	7/2/2004 4:30:00 PM
Chromium	BRL	0.0500		mg/L	47333	1	7/2/2004 4:30:00 PM
Lead	BRL	0.0500		mg/L	47333	1	7/2/2004 4:30:00 PM
Selenium	BRL	0.100		mg/L	47333	1	7/2/2004 4:30:00 PM
Silver	BRL	0.0250		mg/L	47333	1	7/2/2004 4:30:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		Analyst: CDW	
Arsenic	2650	41.9		mg/Kg-dry	47534	10	7/12/2004 1:28:00 PM
Barium	180	4.19		mg/Kg-dry	47534	1	7/9/2004 11:33:00 PM
Cadmium	BRL	2.10		mg/Kg-dry	47534	1	7/9/2004 11:33:00 PM
Chromium	13.4	2.10		mg/Kg-dry	47534	1	7/9/2004 11:33:00 PM
Lead	9.79	4.19		mg/Kg-dry	47534	1	7/9/2004 11:33:00 PM
Selenium	BRL	4.19		mg/Kg-dry	47534	1	7/9/2004 11:33:00 PM
Silver	BRL	2.10		mg/Kg-dry	47534	1	7/9/2004 11:33:00 PM
<b>TOTAL MERCURY</b>		<b>SW7471A</b>		<b>(SW7471A)</b>		Analyst: EM	
Mercury	BRL	0.121		mg/Kg-dry	47624	1	7/13/2004 10:30:00 A
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C</b>		<b>(SW3510)</b>		Analyst: YH	
1,4-Dichlorobenzene	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
2,4,5-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
2,4,6-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
2,4-Dinitrotoluene	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
Cresols, Total	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
Hexachlorobenzene	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
Hexachlorobutadiene	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
Hexachloroethane	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
m-cresol	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
Nitrobenzene	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
o-cresol	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
p-cresol	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
Pentachlorophenol	BRL	0.50		mg/L	47325	1	7/15/2004 11:03:00 A
Pyridine	BRL	0.10		mg/L	47325	1	7/15/2004 11:03:00 A
Surr: 2,4,6-Tribromophenol	89.9	19-124		%REC	47325	1	7/15/2004 11:03:00 A
Surr: 2-Fluorobiphenyl	91.5	26-115		%REC	47325	1	7/15/2004 11:03:00 A
Surr: 2-Fluorophenol	82.7	10-121		%REC	47325	1	7/15/2004 11:03:00 A
Surr: 4-Terphenyl-d14	93.4	18-137		%REC	47325	1	7/15/2004 11:03:00 A
Surr: Nitrobenzene-d5	91.1	15-120		%REC	47325	1	7/15/2004 11:03:00 A
Surr: Phenol-d5	74.8	18-113		%REC	47325	1	7/15/2004 11:03:00 A

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



**Analytical Environmental Services, Inc.**

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-009

**Client Sample ID:** AB TCLP14 2-6  
**Collection Date:** 6/28/2004 4:40:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			<b>Analyst: YH</b>
1,1'-Biphenyl	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2,4,5-Trichlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2,4,6-Trichlorophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2,4-Dichlorophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2,4-Dimethylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2,4-Dinitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2,4-Dinitrotoluene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2,6-Dinitrotoluene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2-Chloronaphthalene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2-Chlorophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2-Methylnaphthalene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2-Methylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
2-Nitrophenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
3,3'-Dichlorobenzidine	BRL	860		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
3-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4,6-Dinitro-2-methylphenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4-Bromophenyl phenyl ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4-Chloro-3-methylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4-Chloroaniline	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4-Chlorophenyl phenyl ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4-Methylphenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4-Nitroaniline	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
4-Nitrophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Acenaphthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Acenaphthylene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Acetophenone	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Anthracene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Atrazine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Benz(a)anthracene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Benzaldehyde	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Benzo(a)pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Benzo(b)fluoranthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Benzo(g,h,i)perylene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Benzo(k)fluoranthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Bis(2-chloroethoxy)methane	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Bis(2-chloroethyl)ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Bis(2-chloroisopropyl)ether	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Bis(2-ethylhexyl)phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Butyl benzyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

CLIENT: URS  
 Lab Order: 0406F09  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0406F09-009

Client Sample ID: AB TCLP14 2-6  
 Collection Date: 6/28/2004 4:40:00 PM

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>		<b>(SW3550A)</b>			Analyst: YH
Caprolactam	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Carbazole	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Chrysene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Dibenz(a,h)anthracene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Dibenzofuran	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Diethyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Dimethyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Di-n-butyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Di-n-octyl phthalate	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Fluoranthene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Fluorene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Hexachlorobenzene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Hexachlorobutadiene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Hexachlorocyclopentadiene	BRL	840		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Hexachloroethane	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Indeno(1,2,3-cd)pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Isophorone	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Naphthalene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Nitrobenzene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
N-Nitrosodi-n-propylamine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
N-Nitrosodiphenylamine	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Pentachlorophenol	BRL	2200		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Phenanthrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Phenol	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Pyrene	BRL	420		µg/Kg-dry	47515	1	7/9/2004 4:39:00 PM
Surr: 2,4,6-Tribromophenol	95.5	35.5-131		%REC	47515	1	7/9/2004 4:39:00 PM
Surr: 2-Fluorobiphenyl	81.3	12.9-120		%REC	47515	1	7/9/2004 4:39:00 PM
Surr: 2-Fluorophenol	72.6	10-119		%REC	47515	1	7/9/2004 4:39:00 PM
Surr: 4-Terphenyl-d14	66.0	41.5-128		%REC	47515	1	7/9/2004 4:39:00 PM
Surr: Nitrobenzene-d5	73.4	10-121		%REC	47515	1	7/9/2004 4:39:00 PM
Surr: Phenol-d5	69.4	12.6-121		%REC	47515	1	7/9/2004 4:39:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>			Analyst: TMP
1,1-Dichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM
2-Butanone	BRL	0.20		mg/L	47510	20	7/9/2004 4:04:00 PM
Benzene	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM
Chlorobenzene	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM
Chloroform	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-009

**Client Sample ID:** AB TCLP14 2-6  
**Collection Date:** 6/28/2004 4:40:00 PM  
**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>		Analyst: TMP	
Trichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 4:04:00 PM
Vinyl chloride	BRL	0.040		mg/L	47510	20	7/9/2004 4:04:00 PM
Surr: 4-Bromofluorobenzene	80.2	63.1-121		%REC	47510	20	7/9/2004 4:04:00 PM
Surr: Dibromofluoromethane	95.1	69.5-126		%REC	47510	20	7/9/2004 4:04:00 PM
Surr: Toluene-d8	96.1	74.2-120		%REC	47510	20	7/9/2004 4:04:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>				Analyst: AD	
1,1,1-Trichloroethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,1,2,2-Tetrachloroethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,1,2-Trichloroethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,1-Dichloroethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,1-Dichloroethene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,2,4-Trichlorobenzene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,2-Dibromo-3-chloropropane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,2-Dibromoethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,2-Dichlorobenzene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,2-Dichloroethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,2-Dichloropropane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,3-Dichlorobenzene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
1,4-Dichlorobenzene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
2-Butanone	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
2-Hexanone	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
4-Methyl-2-pentanone	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Acetone	BRL	3200		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Benzene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Bromodichloromethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Bromoform	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Bromomethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Carbon disulfide	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Carbon tetrachloride	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Chlorobenzene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Chloroethane	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Chloroform	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Chloromethane	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
cis-1,2-Dichloroethene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
cis-1,3-Dichloropropene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Cyclohexane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Dibromochloromethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Dichlorodifluoromethane	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Ethylbenzene	140	140		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Freon-113	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-009

**Client Sample ID:** AB TCLP14 2-6  
**Collection Date:** 6/28/2004 4:40:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>Analyst: AD</b>		
isopropylbenzene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
m,p-Xylene	620	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Methyl acetate	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Methyl tert-butyl ether	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Methylcyclohexane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Methylene chloride	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
o-Xylene	360	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Styrene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Tetrachloroethene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Toluene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
trans-1,2-Dichloroethene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
trans-1,3-Dichloropropene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Trichloroethene	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Trichlorofluoromethane	BRL	160		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Vinyl chloride	BRL	320		µg/Kg-dry	47602	50	7/12/2004 4:38:00 PM
Surr: 4-Bromofluorobenzene	107	65.3-133		%REC	47602	50	7/12/2004 4:38:00 PM
Surr: Dibromofluoromethane	103	80.1-121		%REC	47602	50	7/12/2004 4:38:00 PM
Surr: Toluene-d8	110	67.8-145		%REC	47602	50	7/12/2004 4:38:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	21.9	0		wt%	1		7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

CLIENT: URS  
 Lab Order: 0406F09  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0406F09-010

Client Sample ID: AB TCLP14 6-10  
 Collection Date: 6/28/2004

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>HERBICIDES, TCLP</b>		<b>SW1311/8151A</b>		<b>(SW3510B)</b>		Analyst: WDP	
2,4,5-TP (Silvex)	BRL	0.0050		mg/L	47327	1	7/12/2004 11:19:00 P
2,4-D	BRL	0.050		mg/L	47327	1	7/12/2004 11:19:00 P
Surr: DCAA	112	22.8-136		%REC	47327	1	7/12/2004 11:19:00 P
<b>PESTICIDES, TCLP</b>		<b>SW1311/8081A</b>		<b>(SW3510B)</b>		Analyst: JMZ	
Chlordane	BRL	0.010		mg/L	47326	1	7/2/2004 6:05:00 PM
Endrin	BRL	0.0010		mg/L	47326	1	7/2/2004 6:05:00 PM
gamma-BHC	BRL	0.00050		mg/L	47326	1	7/2/2004 6:05:00 PM
Heptachlor	BRL	0.00050		mg/L	47326	1	7/2/2004 6:05:00 PM
Heptachlor epoxide	BRL	0.00050		mg/L	47326	1	7/2/2004 6:05:00 PM
Methoxychlor	BRL	0.0050		mg/L	47326	1	7/2/2004 6:05:00 PM
Toxaphene	BRL	0.050		mg/L	47326	1	7/2/2004 6:05:00 PM
Surr: Decachlorobiphenyl	51.4	10-121		%REC	47326	1	7/2/2004 6:05:00 PM
Surr: Tetrachloro-m-xylene	89.9	10.9-125		%REC	47326	1	7/2/2004 6:05:00 PM
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>				Analyst: JMZ	
4,4'-DDD	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
4,4'-DDE	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
4,4'-DDT	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Aldrin	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
alpha-BHC	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
alpha-Chlordane	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
beta-BHC	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
delta-BHC	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Dieldrin	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Endosulfan I	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Endosulfan II	6.0	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Endosulfan sulfate	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Endrin	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Endrin aldehyde	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Endrin ketone	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
gamma-BHC	BRL	4.6		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
gamma-Chlordane	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Heptachlor	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Heptachlor epoxide	BRL	2.3		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Methoxychlor	BRL	23		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Toxaphene	310	230		µg/Kg-dry	47539	1	7/14/2004 6:18:00 PM
Surr: Decachlorobiphenyl	76.6	11.2-135		%REC	47539	1	7/14/2004 6:18:00 PM
Surr: Tetrachloro-m-xylene	92.3	16.4-135		%REC	47539	1	7/14/2004 6:18:00 PM
<b>MERCURY, TCLP</b>		<b>SW1311/7470A</b>		<b>(SW7470A)</b>		Analyst: EM	
Mercury	BRL	0.00400		mg/L	47670	1	7/14/2004 2:34:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-010

**Client Sample ID:** AB TCLP14 6-10  
**Collection Date:** 6/28/2004

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>ICP METALS, TCLP</b>		<b>SW1311/6010B</b>		<b>(SW3010A)</b>		Analyst: CDW	
Arsenic	15.0	0.250	*	mg/L	47333	1	7/2/2004 4:34:00 PM
Barium	0.667	0.500		mg/L	47333	1	7/2/2004 4:34:00 PM
Cadmium	BRL	0.0250		mg/L	47333	1	7/2/2004 4:34:00 PM
Chromium	BRL	0.0500		mg/L	47333	1	7/2/2004 4:34:00 PM
Lead	BRL	0.0500		mg/L	47333	1	7/2/2004 4:34:00 PM
Selenium	BRL	0.100		mg/L	47333	1	7/2/2004 4:34:00 PM
Silver	BRL	0.0250		mg/L	47333	1	7/2/2004 4:34:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		Analyst: CDW	
Arsenic	1720	5.80		mg/Kg-dry	47534	1	7/9/2004 11:37:00 PM
Barium	142	5.80		mg/Kg-dry	47534	1	7/9/2004 11:37:00 PM
Cadmium	BRL	2.90		mg/Kg-dry	47534	1	7/9/2004 11:37:00 PM
Chromium	23.4	2.90		mg/Kg-dry	47534	1	7/9/2004 11:37:00 PM
Lead	16.9	5.80		mg/Kg-dry	47534	1	7/9/2004 11:37:00 PM
Selenium	BRL	5.80		mg/Kg-dry	47534	1	7/9/2004 11:37:00 PM
Silver	BRL	2.90		mg/Kg-dry	47534	1	7/9/2004 11:37:00 PM
<b>TOTAL MERCURY</b>		<b>SW7471A</b>		<b>(SW7471A)</b>		Analyst: EM	
Mercury	BRL	0.129		mg/Kg-dry	47624	1	7/13/2004 10:30:00 A
<b>SEMIVOLATILES ORGANICS, TCLP</b>		<b>SW1311/8270C</b>		<b>(SW3510)</b>		Analyst: YH	
1,4-Dichlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
2,4,5-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
2,4,6-Trichlorophenol	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
2,4-Dinitrotoluene	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
Cresols, Total	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
Hexachlorobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
Hexachlorobutadiene	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
Hexachloroethane	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
m-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
Nitrobenzene	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
o-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
p-cresol	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
Pentachlorophenol	BRL	0.50		mg/L	47325	1	7/14/2004 6:15:00 PM
Pyridine	BRL	0.10		mg/L	47325	1	7/14/2004 6:15:00 PM
Surr: 2,4,6-Tribromophenol	83.1	19-124		%REC	47325	1	7/14/2004 6:15:00 PM
Surr: 2-Fluorobiphenyl	89.6	26-115		%REC	47325	1	7/14/2004 6:15:00 PM
Surr: 2-Fluorophenol	83.8	10-121		%REC	47325	1	7/14/2004 6:15:00 PM
Surr: 4-Terphenyl-d14	89.9	18-137		%REC	47325	1	7/14/2004 6:15:00 PM
Surr: Nitrobenzene-d5	92.9	15-120		%REC	47325	1	7/14/2004 6:15:00 PM
Surr: Phenol-d5	72.3	18-113		%REC	47325	1	7/14/2004 6:15:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

CLIENT: URS  
 Lab Order: 0406F09  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0406F09-010

Client Sample ID: AB TCLP14 6-10  
 Collection Date: 6/28/2004  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>			<b>SW8270C</b>		<b>(SW3550A)</b>		Analyst: YH
1,1'-Biphenyl	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2,4,5-Trichlorophenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2,4,6-Trichlorophenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2,4-Dichlorophenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2,4-Dimethylphenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2,4-Dinitrophenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2,4-Dinitrotoluene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2,6-Dinitrotoluene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2-Chloronaphthalene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2-Chlorophenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2-Methylnaphthalene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2-Methylphenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2-Nitroaniline	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
2-Nitrophenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
3,3'-Dichlorobenzidine	BRL	920		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
3-Nitroaniline	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4,6-Dinitro-2-methylphenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4-Bromophenyl phenyl ether	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4-Chloro-3-methylphenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4-Chloroaniline	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4-Chlorophenyl phenyl ether	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4-Methylphenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4-Nitroaniline	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
4-Nitrophenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Acenaphthene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Acenaphthylene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Acetophenone	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Anthracene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Atrazine	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Benz(a)anthracene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Benzaldehyde	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Benzo(a)pyrene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Benzo(b)fluoranthene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Benzo(g,h,i)perylene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Benzo(k)fluoranthene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Bis(2-chloroethoxy)methane	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Bis(2-chloroethyl)ether	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Bis(2-chloroisopropyl)ether	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Bis(2-ethylhexyl)phthalate	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Butyl benzyl phthalate	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-010

**Client Sample ID:** AB TCLP14 6-10  
**Collection Date:** 6/28/2004  
**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL-SEMIVOLATILE ORGANICS</b>		<b>SW8270C</b>			<b>(SW3550A)</b>		Analyst: YH
Caprolactam	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Carbazole	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Chrysene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Dibenz(a,h)anthracene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Dibenzofuran	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Diethyl phthalate	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Dimethyl phthalate	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Di-n-butyl phthalate	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Di-n-octyl phthalate	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Fluoranthene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Fluorene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Hexachlorobenzene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Hexachlorobutadiene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Hexachlorocyclopentadiene	BRL	910		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Hexachloroethane	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Indeno(1,2,3-cd)pyrene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
isophorone	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Naphthalene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Nitrobenzene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
N-Nitrosodi-n-propylamine	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
N-Nitrosodiphenylamine	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Pentachlorophenol	BRL	2300		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Phenanthrene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Phenol	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Pyrene	BRL	460		µg/Kg-dry	47515	1	7/9/2004 5:16:00 PM
Surr: 2,4,6-Tribromophenol	94.6	35.5-131		%REC	47515	1	7/9/2004 5:16:00 PM
Surr: 2-Fluorobiphenyl	76.4	12.9-120		%REC	47515	1	7/9/2004 5:16:00 PM
Surr: 2-Fluorophenol	67.9	10-119		%REC	47515	1	7/9/2004 5:16:00 PM
Surr: 4-Terphenyl-d14	65.0	41.5-128		%REC	47515	1	7/9/2004 5:16:00 PM
Surr: Nitrobenzene-d5	67.3	10-121		%REC	47515	1	7/9/2004 5:16:00 PM
Surr: Phenol-d5	64.9	12.6-121		%REC	47515	1	7/9/2004 5:16:00 PM
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>			<b>(SW5030B)</b>		Analyst: TMP
1,1-Dichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM
1,2-Dichloroethane	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM
2-Butanone	BRL	0.20		mg/L	47510	20	7/9/2004 4:31:00 PM
Benzene	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM
Carbon tetrachloride	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM
Chlorobenzene	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM
Chloroform	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM
Tetrachloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-010

**Client Sample ID:** AB TCLP14 6-10  
**Collection Date:** 6/28/2004

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>VOLATILES, TCLP</b>		<b>SW1311/8260B</b>		<b>(SW5030B)</b>		<b>Analyst: TMP</b>	
Trichloroethene	BRL	0.10		mg/L	47510	20	7/9/2004 4:31:00 PM
Vinyl chloride	BRL	0.040		mg/L	47510	20	7/9/2004 4:31:00 PM
Surr: 4-Bromofluorobenzene	84.7	63.1-121		%REC	47510	20	7/9/2004 4:31:00 PM
Surr: Dibromofluoromethane	98.7	69.5-126		%REC	47510	20	7/9/2004 4:31:00 PM
Surr: Toluene-d8	95.8	74.2-120		%REC	47510	20	7/9/2004 4:31:00 PM
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>				<b>Analyst: AD</b>	
1,1,1-Trichloroethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,1,2,2-Tetrachloroethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,1,2-Trichloroethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,1-Dichloroethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,1-Dichloroethene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,2,4-Trichlorobenzene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,2-Dibromo-3-chloropropane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,2-Dibromoethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,2-Dichlorobenzene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,2-Dichloroethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,2-Dichloropropane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,3-Dichlorobenzene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
1,4-Dichlorobenzene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
2-Butanone	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
2-Hexanone	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
4-Methyl-2-pentanone	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Acetone	BRL	3800	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Benzene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Bromodichloromethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Bromoform	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Bromomethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Carbon disulfide	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Carbon tetrachloride	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Chlorobenzene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Chloroethane	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Chloroform	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Chloromethane	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
cis-1,2-Dichloroethene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
cis-1,3-Dichloropropene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Cyclohexane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Dibromochloromethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Dichlorodifluoromethane	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Ethylbenzene	310	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Freon-113	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 19-Jul-04

CLIENT: URS  
 Lab Order: 0406F09  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0406F09-010

Client Sample ID: AB TCLP14 6-10  
 Collection Date: 6/28/2004

Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>TCL VOLATILE ORGANICS</b>		<b>SW8260B</b>			<b>Analyst: AD</b>		
Isopropylbenzene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
m,p-Xylene	1500	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Methyl acetate	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Methyl tert-butyl ether	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Methylcyclohexane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Methylene chloride	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
o-Xylene	1000	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Styrene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Tetrachloroethene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Toluene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
trans-1,2-Dichloroethene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
trans-1,3-Dichloropropene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Trichloroethene	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Trichlorofluoromethane	BRL	190	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Vinyl chloride	BRL	380	H	µg/Kg-dry	47602	50	7/12/2004 4:11:00 PM
Surr: 4-Bromofluorobenzene	108	65.3-133	H	%REC	47602	50	7/12/2004 4:11:00 PM
Surr: Dibromofluoromethane	105	80.1-121	H	%REC	47602	50	7/12/2004 4:11:00 PM
Surr: Toluene-d8	111	67.8-145	H	%REC	47602	50	7/12/2004 4:11:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	27.7	0		wt%		1	7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site  
 ANALYTICAL QC SUMMARY REPORT  
 BatchID: 47306

Sample ID	MB-47306	SampType: MBLK	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 7/1/2004	RunNo: 52802					
Client ID:	Batch ID: 47306	Batch ID: 47306	TestNo: SW8081A		Analysis Date: 7/1/2004	SeqNo: 1014305					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	BRL	3.3									
4,4'-DDE	BRL	3.3									
4,4'-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	3.3									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	15.72	0	16.67	0	94.3	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	10.63	0	16.67	0	63.7	16.4	135	0	0	0	

Sample ID	LCS-47306	SampType: LCS	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 7/1/2004	RunNo: 52802					
Client ID:	Batch ID: 47306	Batch ID: 47306	TestNo: SW8081A		Analysis Date: 7/1/2004	SeqNo: 1014307					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	31.83	3.3	41.67	0	76.4	57.4	131	0	0	0	

Qualifiers: B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**BatchID:** 47306

**ANALYTICAL QC SUMMARY REPORT**

Sample ID	LCS-47306	SampType: LCS	TestCode: 8081_TCL_S	Units: µg/Kg	Prep Date: 7/1/2004	RunNo: 52802					
Client ID:	D1 E DPT1 0-1 <th>Batch ID: 47306</th> <th>TestNo: SW8081A</th> <td></td> <th>Analysis Date: 7/1/2004</th> <th>SeqNo: 1014307</th>	Batch ID: 47306	TestNo: SW8081A		Analysis Date: 7/1/2004	SeqNo: 1014307					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	11.1	1.7	16.67	0	66.6	51.3	150	0	0	0	
Dieldrin	35.04	3.3	41.67	0	84.1	70.8	124	0	0	0	
Endrin	33.37	3.3	41.67	0	80.1	59.5	117	0	0	0	
gamma-BHC	12.12	3.3	16.67	0	72.7	52.8	115	0	0	0	
Heptachlor	11.31	1.7	16.67	0	67.8	36.7	153	0	0	0	
Surr: Decachlorobiphenyl	15.43	0	16.67	0	92.6	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	12.05	0	16.67	0	72.3	16.4	135	0	0	0	

Sample ID	0406F09-001BMS	SampType: MS	TestCode: 8081_TCL_S	Units: µg/Kg-dry	Prep Date: 7/1/2004	RunNo: 52802					
Client ID:	D1 E DPT1 0-1 <th>Batch ID: 47306</th> <th>TestNo: SW8081A</th> <td></td> <th>Analysis Date: 7/1/2004</th> <th>SeqNo: 1014362</th>	Batch ID: 47306	TestNo: SW8081A		Analysis Date: 7/1/2004	SeqNo: 1014362					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	45.01	4.4	54.59	2.127	78.5	37.4	131	0	0	0	
Aldrin	15.4	2.2	21.84	0	70.5	53.1	134	0	0	0	
Dieldrin	69.46	4.4	54.59	23.34	84.5	10	163	0	0	0	
Endrin	49.73	4.4	54.59	1.949	87.5	10.2	148	0	0	0	
gamma-BHC	16.79	4.4	21.84	0	76.9	37.1	125	0	0	0	
Heptachlor	15.75	2.2	21.84	0	72.1	41	140	0	0	0	
Surr: Decachlorobiphenyl	21.25	0	21.84	0	97.3	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	15.79	0	21.84	0	72.3	16.4	135	0	0	0	

Sample ID	0406F09-001BMSD	SampType: MSD	TestCode: 8081_TCL_S	Units: µg/Kg-dry	Prep Date: 7/1/2004	RunNo: 52802					
Client ID:	D1 E DPT1 0-1 <th>Batch ID: 47306</th> <th>TestNo: SW8081A</th> <td></td> <th>Analysis Date: 7/1/2004</th> <th>SeqNo: 1014397</th>	Batch ID: 47306	TestNo: SW8081A		Analysis Date: 7/1/2004	SeqNo: 1014397					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	44.7	4.4	54.59	2.127	78	37.4	131	45.01	0.699	29.9	
Aldrin	15.75	2.2	21.84	0	72.1	53.1	134	15.4	2.22	35.3	
Dieldrin	65.4	4.4	54.59	23.34	77	10	163	69.46	6.02	26	
Endrin	47.84	4.4	54.59	1.949	84.1	10.2	148	49.73	3.87	25.4	
gamma-BHC	16.77	4.4	21.84	0	76.8	37.1	125	16.79	0.107	37.4	
Heptachlor	15.54	2.2	21.84	0	71.2	41	140	15.75	1.35	33.8	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09

# ANALYTICAL QC SUMMARY REPORT

Project: Red Panthers Pesticide Site

BatchID: 47306

Sample ID	0406F09-001BMSD	SampType: MSD	TestCode: 8081_TCL_S	Units: µg/Kg-dry	Prep Date: 7/1/2004	RunNo: 52802						
Client ID:	D1 E DPT1 0-1	Batch ID: 47306	TestNo: SW8081A		Analysis Date: 7/1/2004	SeqNo: 1014397						
Analyte		Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	20.6	0	21.84	0	94.3	11.2	135	21.25	0	0
Surr: Tetrachloro-m-xylene	16.6	0	21.84	0	76	16.4	135	15.79	0	0

**Qualifiers:**

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: URS

Work Order: 0406F09

Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47318

Sample ID	MB-47318	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/1/2004	RunNo: 52791					
Client ID:		Batch ID: 47318	TestNo: SW6010B		Analysis Date: 7/1/2004	SeqNo: 1014490					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	5.00									

Sample ID	LCS-47318	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/1/2004	RunNo: 52791					
Client ID:		Batch ID: 47318	TestNo: SW6010B		Analysis Date: 7/1/2004	SeqNo: 1014489					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	47.93	5.00	50	0	95.9	80	120	0	0	0	

Sample ID	0406F09-007AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg-dry	Prep Date: 7/1/2004	RunNo: 52791					
Client ID:	ADSD DPT2 0-1	Batch ID: 47318	TestNo: SW6010B		Analysis Date: 7/1/2004	SeqNo: 1014493					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	67.75	4.05	40.5	28.83	96.1	75	125	0	0	0	

Sample ID	0406F09-007ADUP	SampType: DUP	TestCode: 6010B_S	Units: mg/Kg-dry	Prep Date: 7/1/2004	RunNo: 52791					
Client ID:	ADSD DPT2 0-1	Batch ID: 47318	TestNo: SW6010B		Analysis Date: 7/1/2004	SeqNo: 1014492					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	27.82	3.80	0	0	0	0	0	28.83	3.59	20	

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**BatchID:** 47325  
**ANALYTICAL QC SUMMARY REPORT**

**Sample ID** MB-47325    **SampType:** MBLK    **TestCode:** 1311\_B    **Units:** mg/L    **Prep Date:** 7/2/2004    **RunNo:** 52918  
**Client ID:**    **Batch ID:** 47325    **TestNo:** SW1311/8270    **Analysis Date:** 7/6/2004    **SeqNo:** 1016483  
**Analyte**    **Result**    **PQL**    **SPK value**    **SPK Ref Val**    **%REC**    **LowLimit**    **HighLimit**    **RPD Ref Val**    **%RPD**    **RPDLimit**    **Qual**

1,4-Dichlorobenzene	BRL	0.10												
2,4,5-Trichlorophenol	BRL	0.10												
2,4,6-Trichlorophenol	BRL	0.10												
2,4-Dinitrotoluene	BRL	0.10												
Cresols, Total	BRL	0.10												
Hexachlorobenzene	BRL	0.10												
Hexachlorobutadiene	BRL	0.10												
Hexachloroethane	BRL	0.10												
m-cresol	BRL	0.10												
Nitrobenzene	BRL	0.10												
o-cresol	BRL	0.10												
p-cresol	BRL	0.10												
Pentachlorophenol	BRL	0.50												
Pyridine	BRL	0.10												
Surr: 2,4,6-Tribromophenol	0.9002	0	1	0	90	19	124	19	124	0	0	0	0	0
Surr: 2-Fluorobiphenyl	0.4312	0	0.5	0	86.2	26	115	26	115	0	0	0	0	0
Surr: 2-Fluorophenol	0.7768	0	1	0	77.7	10	121	10	121	0	0	0	0	0
Surr: 4-Terphenyl-d14	0.4629	0	0.5	0	92.6	18	137	18	137	0	0	0	0	0
Surr: Nitrobenzene-d5	0.433	0	0.5	0	86.6	15	120	15	120	0	0	0	0	0
Surr: Phenol-d5	0.7522	0	1	0	75.2	18	113	18	113	0	0	0	0	0

**Sample ID** LCS-47325    **SampType:** LCS    **TestCode:** 1311\_B    **Units:** mg/L    **Prep Date:** 7/2/2004    **RunNo:** 52918  
**Client ID:**    **Batch ID:** 47325    **TestNo:** SW1311/8270    **Analysis Date:** 7/6/2004    **SeqNo:** 1016487

1,4-Dichlorobenzene	0.8786	0.10	1	0	87.9	60.9	103	60.9	103	0	0	0	0	0
2,4,5-Trichlorophenol	0.9409	0.10	1	0	94.1	59	122	59	122	0	0	0	0	0
2,4,6-Trichlorophenol	0.9736	0.10	1	0	97.4	74.6	112	74.6	112	0	0	0	0	0
2,4-Dinitrotoluene	0.9526	0.10	1	0	95.3	71.5	108	71.5	108	0	0	0	0	0
Cresols, Total	2.812	0.10	3	0	93.7	55.9	110	55.9	110	0	0	0	0	0
Hexachlorobenzene	0.9773	0.10	1	0	97.7	72.5	124	72.5	124	0	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank    BRL Below Reporting Limit    E Value above quantitation range  
 H Holding times for preparation or analysis exceeded    J Analyte detected below quantitation limits    N Analyte not NELAC certified  
 R RPD outside accepted recovery limits    S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47325

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

Sample ID	LCS-47325	SampType: LCS	TestCode: 1311_B	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52918					
Client ID:		Batch ID: 47325	TestNo: SW1311/8270		Analysis Date: 7/6/2004	SeqNo: 1016487					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Hexachlorobutadiene	0.9025	0.10	1	0	90.2	53.5	127	0	0	0	
Hexachloroethane	0.8678	0.10	1	0	86.8	45.2	115	0	0	0	
m-cresol	0.9363	0.10	1	0	93.6	52.1	110	0	0	0	
Nitrobenzene	0.8966	0.10	1	0	89.7	63.3	115	0	0	0	
o-cresol	0.9396	0.10	1	0	94	65.4	111	0	0	0	
p-cresol	0.9363	0.10	1	0	93.6	52.1	110	0	0	0	
Pentachlorophenol	0.935	0.50	1	0	93.5	61	134	0	0	0	
Pyridine	0.5924	0.10	1	0	59.2	10	116	0	0	0	
Surr: 2,4,6-Tribromophenol	0.9488	0	1	0	94.9	21.8	131	0	0	0	
Surr: 2-Fluorobiphenyl	0.4351	0	0.5	0	87	6.97	122	0	0	0	
Surr: 2-Fluorophenol	0.7872	0	1	0	78.7	10	121	0	0	0	
Surr: 4-Terphenyl-d14	0.4889	0	0.5	0	97.8	18	137	0	0	0	
Surr: Nitrobenzene-d5	0.4401	0	0.5	0	88	15	120	0	0	0	
Surr: Phenol-d5	0.7596	0	1	0	76	18	113	0	0	0	

Sample ID	0407035-006EMS	SampType: MS	TestCode: 1311_B	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52918					
Client ID:		Batch ID: 47325	TestNo: SW1311/8270		Analysis Date: 7/6/2004	SeqNo: 1016492					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.9316	0.10	1	0	93.2	61.6	104	0	0	0	
2,4,5-Trichlorophenol	1.014	0.10	1	0	101	66.1	122	0	0	0	
2,4,6-Trichlorophenol	1.013	0.10	1	0	101	73.7	119	0	0	0	
2,4-Dinitrotoluene	0.9991	0.10	1	0	99.9	74.1	109	0	0	0	
Cresols, Total	2.967	0.10	3	0	98.9	54.9	115	0	0	0	
Hexachlorobenzene	1.006	0.10	1	0	101	71.3	126	0	0	0	
Hexachlorobutadiene	0.953	0.10	1	0	95.3	49	129	0	0	0	
Hexachloroethane	0.9189	0.10	1	0	91.9	47.4	117	0	0	0	
m-cresol	0.9883	0.10	1	0	98.8	42.4	121	0	0	0	
Nitrobenzene	0.9397	0.10	1	0	94	57.5	121	0	0	0	
o-cresol	0.99	0.10	1	0	99	67.2	111	0	0	0	
p-cresol	0.9883	0.10	1	0	98.8	39.8	122	0	0	0	

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



CLIENT: URS

Work Order: 0406F09

Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47325

Sample ID	0407035-006EMS	SampType: MS	TestCode: 1311_B	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52918					
Client ID:	Batch ID: 47325	Batch ID: 47325	TestNo: SW1311/8270		Analysis Date: 7/6/2004	SeqNo: 1016492					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pentachlorophenol	1.027	0.50	1	0	103	62.9	148	0	0	0	
Pyridine	0.7386	0.10	1	0	73.9	10	127	0	0	0	
Surr: 2,4,6-Tribromophenol	0.986	0	1	0	98.6	19	124	0	0	0	
Surr: 2-Fluorobiphenyl	0.4435	0	0.5	0	88.7	14.2	111	0	0	0	
Surr: 2-Fluorophenol	0.8332	0	1	0	83.3	10	121	0	0	0	
Surr: 4-Terphenyl-d14	0.4905	0	0.5	0	98.1	18	137	0	0	0	
Surr: Nitrobenzene-d5	0.4456	0	0.5	0	89.1	15	120	0	0	0	
Surr: Phenol-d5	0.792	0	1	0	79.2	18	113	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09

# ANALYTICAL QC SUMMARY REPORT

Project: Red Panthers Pesticide Site

BatchID: 47326

Sample ID MB-47326	SampType: MBLK	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849
Client ID:	Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015228

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlordane	BRL	0.010									
Endrin	BRL	0.0010									
gamma-BHC	BRL	0.00050									
Heptachlor	BRL	0.00050									
Heptachlor epoxide	BRL	0.00050									
Methoxychlor	BRL	0.0050									
Toxaphene	BRL	0.050									
Surr: Decachlorobiphenyl	0.003765	0	0.005	0	75.3	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.003808	0	0.005	0	76.2	10.9	125	0	0	0	

Sample ID LCS-47326-1	SampType: LCS	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849
Client ID:	Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015229

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	0.007208	0.0010	0.008	0	90.1	51.8	144	0	0	0	
gamma-BHC	0.006405	0.00050	0.008	0	80.1	44.7	127	0	0	0	
Heptachlor	0.00582	0.00050	0.008	0	72.8	40.5	122	0	0	0	
Heptachlor epoxide	0.00677	0.00050	0.008	0	84.6	56	137	0	0	0	
Methoxychlor	0.0285	0.0050	0.03	0	95	46	166	0	0	0	
Surr: Decachlorobiphenyl	0.00372	0	0.005	0	74.4	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.003639	0	0.005	0	72.8	10.9	125	0	0	0	

Sample ID LCS-47326-2	SampType: LCS	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849
Client ID:	Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015230

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlordane	0.04267	0.010	0.04	0.00929	83.5	56	186	0	0	0	
Toxaphene	0.06778	0.050	0.08	0	84.7	53	132	0	0	0	
Surr: Decachlorobiphenyl	0.003757	0	0.005	0	75.1	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.003271	0	0.005	0	65.4	10.9	125	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09

# ANALYTICAL QC SUMMARY REPORT

Project: Red Panthers Pesticide Site

BatchID: 47326

Sample ID	0406F09-009CMS-1	SampType: MS	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849					
Client ID:	AB TCLP14 2-6	Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015232					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	0.007683	0.0010	0.008	0	96	50	148	0	0	0	
gamma-BHC	0.006874	0.00050	0.008	0	85.9	52.1	124	0	0	0	
Heptachlor	0.006241	0.00050	0.008	0	78	43.2	131	0	0	0	
Heptachlor epoxide	0.01078	0.00050	0.008	0	135	50	145	0	0	0	
Methoxychlor	0.02992	0.0050	0.03	0	99.7	10	205	0	0	0	
Surr: Decachlorobiphenyl	0.003541	0	0.005	0	70.8	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.004349	0	0.005	0	87	10.9	125	0	0	0	

Sample ID	0406F09-009CMS-2	SampType: MS	TestCode: 1311_P	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52849					
Client ID:	AB TCLP14 2-6	Batch ID: 47326	TestNo: SW1311/8081		Analysis Date: 7/2/2004	SeqNo: 1015233					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlordane	0.04162	0.010	0.04	0	104	55	182	0	0	0	
Toxaphene	0.07212	0.050	0.08	0	90.2	45	137	0	0	0	
Surr: Decachlorobiphenyl	0.003405	0	0.005	0	68.1	10	121	0	0	0	
Surr: Tetrachloro-m-xylene	0.005188	0	0.005	0	104	10.9	125	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**BatchID:** 47327

**ANALYTICAL QC SUMMARY REPORT**

Sample ID	MB-47327	SampType: MBLK	TestCode: 1311_H	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52933					
Client ID:		Batch ID: 47327	TestNo: SW1311/8151		Analysis Date: 7/6/2004	SeqNo: 1016699					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	BRL	0.0050									
2,4-D	BRL	0.0050									
Surr: DCAA	0.04104	0	0.05	0	82.1	22.8	136	0	0	0	

Sample ID	LCS-47327	SampType: LCS	TestCode: 1311_H	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52933					
Client ID:		Batch ID: 47327	TestNo: SW1311/8151		Analysis Date: 7/6/2004	SeqNo: 1016701					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	0.04109	0.0050	0.05	0	82.2	44.9	138	0	0	0	
2,4-D	0.05563	0.0050	0.05	0	111	47.5	142	0	0	0	
Surr: DCAA	0.04714	0	0.05	0	94.3	22.8	136	0	0	0	

Sample ID	0407035-006EMS	SampType: MS	TestCode: 1311_H	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52933					
Client ID:		Batch ID: 47327	TestNo: SW1311/8151		Analysis Date: 7/6/2004	SeqNo: 1016703					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-TP (Silvex)	0.04815	0.0050	0.05	0	96.3	50.2	134	0	0	0	
2,4-D	0.04968	0.0050	0.05	0.004612	90.1	53.8	141	0	0	0	
Surr: DCAA	0.05159	0	0.05	0	103	22.8	136	0	0	0	

**Qualifiers:**

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47333

Sample ID MB-47333      SampType: MBLK      TestCode: 1311\_M      Units: mg/L      Prep Date: 7/2/2004      RunNo: 52830  
 Client ID:                      Batch ID: 47333                      TestNo: SW1311/6010                      Analysis Date: 7/2/2004                      SeqNo: 1015009

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Selenium	BRL	0.100									
Silver	BRL	0.0250									

Sample ID LCS-47333      SampType: LCS      TestCode: 1311\_M      Units: mg/L      Prep Date: 7/2/2004      RunNo: 52830  
 Client ID:                      Batch ID: 47333                      TestNo: SW1311/6010                      Analysis Date: 7/2/2004                      SeqNo: 1015008

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.858	0.250	5	0	97.2	85	115	0	0	0	
Cadmium	4.798	0.0250	5	0	96	85	115	0	0	0	
Chromium	4.628	0.0500	5	0	92.6	85	115	0	0	0	
Lead	4.67	0.0500	5	0	93.4	85	115	0	0	0	
Selenium	4.98	0.100	5	0	99.6	85	115	0	0	0	
Silver	0.4564	0.0250	0.5	0	91.3	85	115	0	0	0	

Sample ID LCS-47333      SampType: LCS      TestCode: 1311\_M      Units: mg/L      Prep Date: 7/2/2004      RunNo: 52859  
 Client ID:                      Batch ID: 47333                      TestNo: SW1311/6010                      Analysis Date: 7/6/2004                      SeqNo: 1015430

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	4.333	0.500	5	0.01205	86.4	85	115	0	0	0	

Sample ID 0406E74-001AMS      SampType: MS      TestCode: 1311\_M      Units: mg/L      Prep Date: 7/2/2004      RunNo: 52830  
 Client ID:                      Batch ID: 47333                      TestNo: SW1311/6010                      Analysis Date: 7/2/2004                      SeqNo: 1015013

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	5.055	0.250	5	0	101	50	150	0	0	0	

**Qualifiers:**  
 B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47333

Sample ID	0406E74-001AMS	SampType: MS	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	47333	Batch ID: 47333	TestNo: SW1311/6010		Analysis Date: 7/2/2004	SeqNo: 1015013					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	7.986	0.500	5	4.38	72.1	50	150	0	0	0	
Cadmium	6.259	0.0250	5	1.655	92.1	50	150	0	0	0	
Chromium	4.879	0.0500	5	0.05875	96.4	50	150	0	0	0	*
Lead	4.792	0.0500	5	0.06115	94.6	50	150	0	0	0	
Selenium	5.143	0.100	5	0	103	50	150	0	0	0	*
Silver	0.4868	0.0250	0.5	0	97.4	50	150	0	0	0	

Sample ID	0406E74-001ADUP	SampType: DUP	TestCode: 1311_M	Units: mg/L	Prep Date: 7/2/2004	RunNo: 52830					
Client ID:	47333	Batch ID: 47333	TestNo: SW1311/6010		Analysis Date: 7/2/2004	SeqNo: 1015012					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	BRL	0.250	0	0	0	0	0	0	0	30	
Barium	3.486	0.500	0	0	0	0	0	4.38	22.7	30	
Cadmium	1.31	0.0250	0	0	0	0	0	1.655	23.3	30	*
Chromium	BRL	0.0500	0	0	0	0	0	0.05875	0	30	
Lead	0.0501	0.0500	0	0	0	0	0	0.06115	19.9	30	
Selenium	BRL	0.100	0	0	0	0	0	0	0	30	
Silver	BRL	0.0250	0	0	0	0	0	0	0	30	

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- BRL Below Reporting Limit
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47510

Sample ID	MB-47510	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034					
Client ID:	47510	Batch ID:	SW1311/8260	TestNo:	7/9/2004	SeqNo: 1018655					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	1.037	0	1	0	104	63.1	121	0	0	0	
Surr: Dibromofluoromethane	1.125	0	1	0	113	69.5	126	0	0	0	
Surr: Toluene-d8	1.094	0	1	0	109	74.2	120	0	0	0	

Sample ID	MB-47510	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53162					
Client ID:	47510	Batch ID:	SW1311/8260	TestNo:	7/13/2004	SeqNo: 1021652					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	1.085	0	1	0	109	63.1	121	0	0	0	
Surr: Dibromofluoromethane	1.009	0	1	0	101	69.5	126	0	0	0	
Surr: Toluene-d8	1.042	0	1	0	104	74.2	120	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**ANALYTICAL QC SUMMARY REPORT**  
**BatchID:** 47510

Sample ID	LCS-47510	SampType: LCS	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034					
Client ID:	Batch ID: 47510	Batch ID: SW1311/8260	TestNo: SW1311/8260		Analysis Date: 7/9/2004	SeqNo: 1018657					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.8024	0.10	1	0	80.2	61	131	0	0	0	*
1,2-Dichloroethane	1.119	0.10	1	0	112	76	129	0	0	0	*
2-Butanone	1.065	0.20	1	0	106	25	161	0	0	0	*
Benzene	0.8986	0.10	1	0	89.9	77	126	0	0	0	*
Carbon tetrachloride	1.489	0.10	2	0	74.5	66	131	0	0	0	*
Chlorobenzene	1.006	0.10	1	0	101	80	121	0	0	0	*
Chloroform	0.9448	0.10	1	0	94.5	76	129	0	0	0	*
Tetrachloroethene	1.071	0.10	1	0	107	64	133	0	0	0	*
Trichloroethene	1.103	0.10	1	0	110	71	125	0	0	0	*
Vinyl chloride	0.8064	0.040	1	0	80.6	45	131	0	0	0	*
Surr: 4-Bromofluorobenzene	1.081	0	1	0	108	63.1	121	0	0	0	*
Surr: Dibromofluoromethane	0.9614	0	1	0	96.1	69.5	126	0	0	0	*
Surr: Toluene-d8	1.008	0	1	0	101	74.2	120	0	0	0	*

Sample ID	0407089-002CMS	SampType: MS	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034					
Client ID:	Batch ID: 47510	Batch ID: SW1311/8260	TestNo: SW1311/8260		Analysis Date: 7/9/2004	SeqNo: 1018661					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.8472	0.10	1	0	84.7	61	131	0	0	0	*
1,2-Dichloroethane	1.095	0.10	1	0	110	76	129	0	0	0	*
2-Butanone	1.132	0.20	1	0	113	25	161	0	0	0	*
Benzene	0.9002	0.10	1	0	90	77	126	0	0	0	*
Carbon tetrachloride	1.513	0.10	2	0	75.6	66	131	0	0	0	*
Chlorobenzene	1.024	0.10	1	0	102	80	121	0	0	0	*
Chloroform	0.941	0.10	1	0	94.1	76	129	0	0	0	*
Tetrachloroethene	1.074	0.10	1	0	107	64	133	0	0	0	*
Trichloroethene	1.058	0.10	1	0	106	71	125	0	0	0	*
Vinyl chloride	0.939	0.040	1	0	93.9	45	131	0	0	0	*
Surr: 4-Bromofluorobenzene	1.122	0	1	0	112	63.1	121	0	0	0	*
Surr: Dibromofluoromethane	0.9608	0	1	0	96.1	69.5	126	0	0	0	*
Surr: Toluene-d8	0.9854	0	1	0	98.5	74.2	120	0	0	0	*

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**BatchID:** 47510  
**ANALYTICAL QC SUMMARY REPORT**

Sample ID	0407089-002C	SampType: DUP	TestCode: 1311_V	Units: mg/L	Prep Date: 7/8/2004	RunNo: 53034					
Client ID:	Batch ID: 47510	Batch ID: SW1311/8260	TestNo: SW1311/8260	Analysis Date: 7/9/2004	SeqNo: 1018711						
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	BRL	0.10	0	0	0	0	0	0	0	30	
2-Butanone	BRL	0.20	0	0	0	0	0	0	0	30	
Benzene	BRL	0.10	0	0	0	0	0	0	0	30	
Carbon tetrachloride	BRL	0.10	0	0	0	0	0	0	0	30	
Chlorobenzene	BRL	0.10	0	0	0	0	0	0	0	30	
Chloroform	BRL	0.10	0	0	0	0	0	0	0	30	
Tetrachloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Trichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Vinyl chloride	BRL	0.040	0	0	0	0	0	0	0	30	
Surr: 4-Bromofluorobenzene	0.894	0	1	0	89.4	71.8	143	0.8594	0	0	
Surr: Dibromofluoromethane	0.9678	0	1	0	96.8	80.3	123	0.984	0	0	
Surr: Toluene-d8	0.9578	0	1	0	95.8	70.1	142	0.9346	0	0	

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47515

Sample ID	MB-47515	SampType:	MBLK	TestCode:	8270_TCL4.2	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53071
Client ID:	47515	Batch ID:	47515	TestNo:	SW8270C			Analysis Date:	7/9/2004	SeqNo:	1019508
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1'-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3'-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									

<b>Qualifiers:</b>	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47515

Sample ID	MB-47515	SampType:	MBLK	TestCode:	8270_TCL4.2	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53071
Client ID:	47515	Batch ID:	47515	TestNo:	SW8270C	Analysis Date:	7/9/2004	LowLimit	HighLimit	RPD Ref Val	%RPD
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Di-n-butyl phthalate	BRL	330									
DJ-n-octyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Pentachlorophenol	BRL	1700									

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0406F09

Project: Red Panthers Pesticide Site

BatchID: 47515

Sample ID	MB-47515	SampType: MBLK	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071						
Client ID:	Batch ID: 47515	TestNo: SW8270C	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2913	0	3333	0	87.4	35.5	131	0	0	0	0
Surr: 2-Fluorobiphenyl	1222	0	1667	0	73.3	12.9	120	0	0	0	0
Surr: 2-Fluorophenol	2221	0	3333	0	66.6	10	119	0	0	0	0
Surr: 4-Terphenyl-d14	1392	0	1667	0	83.5	41.5	128	0	0	0	0
Surr: Nitrobenzene-d5	1126	0	1667	0	67.6	10	121	0	0	0	0
Surr: Phenol-d5	2204	0	3333	0	66.1	12.6	121	0	0	0	0

Sample ID	LCS-47515	SampType: LCS	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071						
Client ID:	Batch ID: 47515	TestNo: SW8270C	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	2881	330	3333	0	86.4	33	123	0	0	0	0
2-Chlorophenol	2566	330	3333	0	77	10	120	0	0	0	0
4-Chloro-3-methylphenol	2928	330	3333	0	87.8	10	138	0	0	0	0
4-Nitrophenol	3667	1700	3333	0	110	24.3	135	0	0	0	0
Acenaphthene	2733	330	3333	0	82	17.5	122	0	0	0	0
N-Nitrosodi-n-propylamine	2841	330	3333	0	85.2	10	129	0	0	0	0
Pentachlorophenol	3144	1700	3333	0	94.3	38.4	128	0	0	0	0
Phenol	2628	330	3333	0	78.8	10	120	0	0	0	0
Pyrene	2891	330	3333	0	86.7	58.6	120	0	0	0	0
Surr: 2,4,6-Tribromophenol	3076	0	3333	0	92.3	35.5	131	0	0	0	0
Surr: 2-Fluorobiphenyl	1287	0	1667	0	77.2	12.9	120	0	0	0	0
Surr: 2-Fluorophenol	2118	0	3333	0	63.5	10	119	0	0	0	0
Surr: 4-Terphenyl-d14	1426	0	1667	0	85.6	41.5	128	0	0	0	0
Surr: Nitrobenzene-d5	1242	0	1667	0	74.5	10	121	0	0	0	0
Surr: Phenol-d5	1993	0	3333	0	59.8	12.6	121	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**  
**BatchID: 47515**

Sample ID	0407302-005AMS	SampType: MS	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071					
Client ID:	47515	Batch ID: 47515	TestNo: SW8270C		Analysis Date: 7/9/2004	SeqNo: 1019513					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	2340	330	3329	0	70.3	29	123	0	0	0	
2-Chlorophenol	2340	330	3329	0	70.3	10	121	0	0	0	
4-Chloro-3-methylphenol	2608	330	3329	0	78.3	13.6	141	0	0	0	
4-Nitrophenol	2535	1700	3329	0	76.1	10.4	152	0	0	0	
Acenaphthene	2244	330	3329	0	67.4	13.9	121	0	0	0	
N-Nitrosodi-n-propylamine	2493	330	3329	0	74.9	10	130	0	0	0	
Pentachlorophenol	2565	1700	3329	0	77	30	133	0	0	0	
Phenol	2336	330	3329	0	70.2	10	120	0	0	0	
Pyrene	2246	330	3329	74.26	65.2	42.4	128	0	0	0	
Surr: 2,4,6-Tribromophenol	2503	0	3329	0	75.2	35.5	131	0	0	0	
Surr: 2-Fluorobiphenyl	1096	0	1664	0	65.8	12.9	120	0	0	0	
Surr: 2-Fluorophenol	2034	0	3329	0	61.1	10	119	0	0	0	
Surr: 4-Terphenyl-d14	1071	0	1664	0	64.4	41.5	128	0	0	0	
Surr: Nitrobenzene-d5	1142	0	1664	0	68.6	10	121	0	0	0	
Surr: Phenol-d5	2290	0	3329	0	68.8	12.6	121	0	0	0	

Sample ID	0407302-005AMSD	SampType: MSD	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071					
Client ID:	47515	Batch ID: 47515	TestNo: SW8270C		Analysis Date: 7/9/2004	SeqNo: 1019514					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1982	330	3329	0	59.5	29	123	2340	16.6	26.1	
2-Chlorophenol	2049	330	3329	0	61.6	10	121	2340	13.2	53.1	
4-Chloro-3-methylphenol	2408	330	3329	0	72.3	13.6	141	2608	7.96	34.7	
4-Nitrophenol	2189	1700	3329	0	65.8	10.4	152	2535	14.6	28.7	
Acenaphthene	2009	330	3329	0	60.4	13.9	121	2244	11.0	49	
N-Nitrosodi-n-propylamine	2111	330	3329	0	63.4	10	130	2493	16.6	46.5	
Pentachlorophenol	2217	1700	3329	0	66.6	30	133	2565	14.5	26.9	
Phenol	2046	330	3329	0	61.5	10	120	2336	13.2	47.1	
Pyrene	1976	330	3329	74.26	57.1	42.4	128	2246	12.8	23.9	
Surr: 2,4,6-Tribromophenol	2150	0	3329	0	64.6	35.5	131	2503	0	0	
Surr: 2-Fluorobiphenyl	967	0	1664	0	58.1	12.9	120	1096	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47515

Sample ID	0407302-005AMSD	SampType: MSD	TestCode: 8270_TCL4.2	Units: µg/Kg	Prep Date: 7/9/2004	RunNo: 53071					
Client ID:	47515	Batch ID: 47515	TestNo: SW8270C		Analysis Date: 7/9/2004	SeqNo: 1019514					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorophenol	1819	0	3329	0	54.6	10	119	2034	0	0	0
Surr: 4-Terphenyl-d14	938.4	0	1664	0	56.4	41.5	128	1071	0	0	0
Surr: Nitrobenzene-d5	1107	0	1664	0	66.5	10	121	1142	0	0	0
Surr: Phenol-d5	1932	0	3329	0	58	12.6	121	2290	0	0	0

**Qualifiers:**
B Analyte detected in the associated Method Blank
BRL Below Reporting Limit
E Value above quantitation range

H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
N Analyte not NELAC certified

R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47534

Sample ID	MB-47534	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/9/2004	RunNo: 53065					
Client ID:	47534	Batch ID:	SW6010B		Analysis Date: 7/9/2004	SeqNo: 1019656					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	BRL	5.00	0	0	93.8	80	120	0	0	0	0
Barium	BRL	5.00	0.118	0	93.2	80	120	0	0	0	0
Cadmium	BRL	2.50	0.023	0	95.6	80	120	0	0	0	0
Chromium	BRL	2.50	0.441	0	95.5	80	120	0	0	0	0
Lead	BRL	5.00	0	0	93.8	80	120	0	0	0	0
Selenium	BRL	5.00	0	0	89.2	80	120	0	0	0	0
Silver	BRL	2.50	0	0	90.5	80	120	0	0	0	0

Sample ID	LCS-47534	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 7/9/2004	RunNo: 53065					
Client ID:	47534	Batch ID:	SW6010B		Analysis Date: 7/9/2004	SeqNo: 1019655					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	46.91	5.00	50	0	93.8	80	120	0	0	0	0
Barium	46.73	5.00	50	0.118	93.2	80	120	0	0	0	0
Cadmium	47.8	2.50	50	0.023	95.6	80	120	0	0	0	0
Chromium	48.19	2.50	50	0.441	95.5	80	120	0	0	0	0
Lead	46.9	5.00	50	0	93.8	80	120	0	0	0	0
Selenium	44.62	5.00	50	0	89.2	80	120	0	0	0	0
Silver	4.526	2.50	5	0	90.5	80	120	0	0	0	0

Sample ID	0406F09-002AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg-dry	Prep Date: 7/9/2004	RunNo: 53065					
Client ID:	D1 E DPT1 1-2	Batch ID:	SW6010B		Analysis Date: 7/9/2004	SeqNo: 1019659					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Arsenic	56.95	5.17	51.75	10.05	90.6	75	125	0	0	0	0
Barium	226.3	5.17	51.75	168.7	111	75	125	0	0	0	0
Cadmium	48.02	2.59	51.75	0.426	92	75	125	0	0	0	0
Chromium	66.33	2.59	51.75	17.3	94.7	75	125	0	0	0	0
Lead	62.12	5.17	51.75	13.8	93.4	75	125	0	0	0	0
Selenium	43.83	5.17	51.75	0	84.7	75	125	0	0	0	0
Silver	4.66	2.59	5.175	0	90.1	75	125	0	0	0	0

**Qualifiers:** B Analyte detected in the associated Method Blank      BRL Below Reporting Limit      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits      N Analyte not NELAC certified  
 R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0406F09

Project: Red Panthers Pesticide Site

BatchID: 47534

Sample ID	0406F09-002ADUP	SampType: DUP	TestCode: 6010B_S	Units: mg/Kg-dry	Prep Date: 7/9/2004	RunNo: 53065
Client ID:	D1 E DPT1 1-2	Batch ID: 47534	TesNo: SW6010B		Analysis Date: 7/9/2004	SeqNo: 1019658

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	9.142	5.06	0	0	0	0	0	10.05	9.41	20	
Barium	171.2	5.06	0	0	0	0	0	168.7	1.45	20	
Cadmium	BRL	2.53	0	0	0	0	0	0.426	0	20	
Chromium	18.31	2.53	0	0	0	0	0	17.3	5.65	20	
Lead	12.92	5.06	0	0	0	0	0	13.8	6.53	20	
Selenium	BRL	5.06	0	0	0	0	0	0	0	20	
Silver	BRL	2.53	0	0	0	0	0	0	0	20	

**Qualifiers:**

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47539

Sample ID	MB-47539	SampType:	MBLK	TestCode:	8081_TCL_S	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53208
Client ID:	47539	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDD	BRL	3.3									
4,4'-DDE	BRL	3.3									
4,4'-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	3.3									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	11.62	0	16.67	0	69.7	11.2	135	0	0	0	
Surr: Tetrachloro-m-xylene	13.78	0	16.67	0	82.6	16.4	135	0	0	0	

Sample ID	LCS-47539	SampType:	LCS	TestCode:	8081_TCL_S	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53208
Client ID:	47539	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4,4'-DDT	39.22	3.3	41.67	0	94.1	57.4	131	0	0	0	
Aldrin	13.79	1.7	16.67	0	82.7	51.3	150	0	0	0	
Dieldrin	39.17	3.3	41.67	0	94	70.8	124	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47539

Sample ID	LCS-47539	SampType:	LCS	TestCode:	8081_TCL_S	Units:	µg/Kg	Prep Date:	7/9/2004	RunNo:	53208
Client ID:	ADSD DPT1 1-2	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Endrin	39.86	3.3	41.67	0	95.7	59.5	117	0	0		
gamma-BHC	14.02	3.3	16.67	0	84.1	52.8	115	0	0		
Heptachlor	12.69	1.7	16.67	0	76.1	36.7	153	0	0		
Surr: Decachlorobiphenyl	11.97	0	16.67	0	71.8	11.2	135	0	0		
Surr: Tetrachloro-m-xylene	13.95	0	16.67	0	83.7	16.4	135	0	0		

Sample ID	0406F09-006BMS	SampType:	MS	TestCode:	8081_TCL_S	Units:	µg/Kg-dry	Prep Date:	7/9/2004	RunNo:	53208
Client ID:	ADSD DPT1 1-2	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	59.75	4.2	52.68	10.46	93.6	37.4	131	0	0		
Aldrin	17.48	2.1	21.07	1.064	77.9	53.1	134	0	0		
Dieldrin	135.1	4.2	52.68	87.58	90.3	10	163	0	0		E
Endrin	64.14	4.2	52.68	0	122	10.2	148	0	0		
gamma-BHC	16.38	4.2	21.07	0	77.7	37.1	125	0	0		
Heptachlor	15.12	2.1	21.07	0	71.8	41	140	0	0		
Surr: Decachlorobiphenyl	14.21	0	21.07	0	67.4	11.2	135	0	0		
Surr: Tetrachloro-m-xylene	13.14	0	21.07	0	62.4	16.4	135	0	0		

Sample ID	0406F09-006BMSD	SampType:	MSD	TestCode:	8081_TCL_S	Units:	µg/Kg-dry	Prep Date:	7/9/2004	RunNo:	53208
Client ID:	ADSD DPT1 1-2	Batch ID:	47539	TestNo:	SW8081A						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	58.23	4.2	52.59	10.46	90.8	37.4	131	59.75	2.57	29.9	
Aldrin	17.79	2.1	21.04	1.064	79.5	53.1	134	17.48	1.76	35.3	
Dieldrin	133.7	4.2	52.59	87.58	87.7	10	163	135.1	1.06	26	
Endrin	62.95	4.2	52.59	0	120	10.2	148	64.14	1.86	25.4	
gamma-BHC	16.55	4.2	21.04	0	78.7	37.1	125	16.38	1.08	37.4	
Heptachlor	15.41	2.1	21.04	0	73.2	41	140	15.12	1.85	33.8	
Surr: Decachlorobiphenyl	13.1	0	21.04	0	62.3	11.2	135	14.21	0	0	
Surr: Tetrachloro-m-xylene	15.4	0	21.04	0	73.2	16.4	135	13.14	0	0	

**Qualifiers:** B Analytic detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47602

Sample ID MB-47602      SampType: MBLK      TestCode: 8260\_TCL4.2      Units: µg/Kg      Prep Date: 7/12/2004      RunNo: 53225  
 Client ID:      Batch ID: 47602      TestNo: SW8260B      Analysis Date: 7/14/2004      SeqNo: 1023176

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank      BRL Below Reporting Limit      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits      N Analyte not NELAC certified  
 R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0406F09

Project: Red Panthers Pesticide Site

BatchID: 47602

Sample ID	MB-47602	SampType:	MBLK	TestCode:	8260_TCL4.2	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53225
Client ID:		Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/14/2004	SeqNo:	1023176
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2754	0	2500	0	110	65.3	133	0	0	0	
Surr: Dibromofluoromethane	2514	0	2500	0	101	80.1	121	0	0	0	
Surr: Toluene-d8	2626	0	2500	0	105	67.8	145	0	0	0	

Sample ID	0407035-001AMS	SampType:	MS	TestCode:	8260_TCL4.2	Units:	µg/Kg-dry	Prep Date:	7/12/2004	RunNo:	53117
Client ID:		Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020551
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	24930	1800	18380	0	136	46.3	140	0	0	0	
Benzene	21500	1800	18380	0	117	58.7	138	0	0	0	
Chlorobenzene	19520	1800	18380	0	106	55.3	141	0	0	0	
Toluene	21680	1800	18380	0	118	52.1	144	0	0	0	
Trichloroethene	20350	1800	18380	0	111	65.4	148	0	0	0	

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
R RPD outside accepted recovery limits  
BRL Below Reporting Limit  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47602

Sample ID 0407035-001AMS	SampType: MS	TestCode: 8260_TCL4.2	Units: µg/Kg-dry
Client ID:	Batch ID: 47602	Prep Date: 7/12/2004	RunNo: 53117
		Analysis Date: 7/12/2004	SeqNo: 1020551

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	19550	0	18380	0	106	65.3	133	0	0		
Surr: Dibromofluoromethane	18950	0	18380	0	103	80.1	121	0	0		
Surr: Toluene-d8	19440	0	18380	0	106	67.8	145	0	0		

Sample ID 0407035-001AMSD	SampType: MSD	TestCode: 8260_TCL4.2	Units: µg/Kg-dry
Client ID:	Batch ID: 47602	Prep Date: 7/12/2004	RunNo: 53117
		Analysis Date: 7/12/2004	SeqNo: 1020553

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	24450	1800	18380	0	133	46.3	140	24930	1.97	22.9	
Benzene	21830	1800	18380	0	119	58.7	138	21500	1.54	16.8	
Chlorobenzene	20840	1800	18380	0	113	55.3	141	19520	6.54	23.5	
Toluene	22670	1800	18380	0	123	52.1	144	21680	4.49	18.6	
Trichloroethene	21150	1800	18380	0	115	65.4	148	20350	3.84	21.4	
Surr: 4-Bromofluorobenzene	20310	0	18380	0	110	65.3	133	19550	0	0	
Surr: Dibromofluoromethane	19040	0	18380	0	104	80.1	121	18950	0	0	
Surr: Toluene-d8	19930	0	18380	0	108	67.8	145	19440	0	0	

Sample ID MB-47602	SampType: MBLK	TestCode: 8260_TCL4.2	Units: µg/Kg
Client ID:	Batch ID: 47602	Prep Date: 7/12/2004	RunNo: 53117
		Analysis Date: 7/12/2004	SeqNo: 1020558

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47602

Sample ID <b>MB-47602</b>	SampType: <b>MBLK</b>	TestCode: <b>8260_TCL4.2</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/12/2004</b>	RunNo: <b>53117</b>						
Client ID:	Batch ID: <b>47602</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>7/12/2004</b>	SeqNo: <b>1020558</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	1000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47602

Sample ID <b>MB-47602</b>	SampType: <b>MBLK</b>	TestCode: <b>8260_TCL4.2</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/12/2004</b>	RunNo: <b>53117</b>						
Client ID:	Batch ID: <b>47602</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>7/12/2004</b>	SeqNo: <b>1020558</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2461	0	2500	0	98.4	65.3	133	0	0	0	
Surr: Dibromofluoromethane	2630	0	2500	0	105	80.1	121	0	0	0	
Surr: Toluene-d8	2668	0	2500	0	107	67.8	145	0	0	0	

Sample ID <b>MB-47602</b>	SampType: <b>MBLK</b>	TestCode: <b>8260_TCL4.2</b>	Units: <b>µg/Kg</b>	Prep Date: <b>7/12/2004</b>	RunNo: <b>53225</b>						
Client ID:	Batch ID: <b>47602</b>	TestNo: <b>SW8260B</b>		Analysis Date: <b>7/14/2004</b>	SeqNo: <b>1023173</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									

Qualifiers:	B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47602

Sample ID MB-47602      SampType: MBLK      TestCode: 8260\_TCL4.2      Units: µg/Kg      Prep Date: 7/12/2004      RunNo: 53225  
 Client ID:      Batch ID: 47602      TestNo: SW8260B      Analysis Date: 7/14/2004      SeqNo: 1023173

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	1000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank      BRL Below Reporting Limit      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits      N Analyte not NELAC certified  
 R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0406F09

Project: Red Panthers Pesticide Site

BatchID: 47602

Sample ID	MB-47602	SampType: MBLK	TestCode: 8260_TCL4.2	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53225
Client ID:	47602	Batch ID:	8260B		Analysis Date: 7/14/2004	SeqNo: 1023173

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2754	0	2500	0	110	65.3	133	0	0		
Surr: Dibromofluoromethane	2514	0	2500	0	101	80.1	121	0	0		
Surr: Toluene-d8	2626	0	2500	0	105	67.8	145	0	0		

Sample ID	MB-47602	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53117
Client ID:	47602	Batch ID:	8260B		Analysis Date: 7/12/2004	SeqNo: 1020532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	BRL	250									
1,1,1,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloroethene, Total	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

**ANALYTICAL QC SUMMARY REPORT**

BatchID: 47602

Sample ID MB-47602      SampType: MBLK      TestCode: 8260B\_S      Units: µg/Kg      Prep Date: 7/12/2004      RunNo: 53117  
 Client ID:      Batch ID: 47602      TestNo: SW8260B      Analysis Date: 7/12/2004      SeqNo: 1020532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	BRL	250									
Bromomethane	BRL	250									
Carbon disulfide	BRL	500									
Carbon tetrachloride	BRL	250									
Chlorobenzene	BRL	250									
Chloroethane	BRL	500									
Chloroform	BRL	250									
Chloromethane	BRL	500									
cis-1,2-Dichloroethene	BRL	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Hexachlorobutadiene	BRL	250									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	500									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
Naphthalene	BRL	250									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      N Analyte not NELAC certified  
 R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits  
 BRL Below Reporting Limit      J Analyte detected below quantitation limits

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
Work Order: 0406F09

Project: Red Panthers Pesticide Site

BatchID: 47602

Sample ID MB-47602	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53117						
Client ID:	Batch ID: 47602	TestNo: SW8260B		Analysis Date: 7/12/2004	SeqNo: 1020532						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

Vinyl chloride	BRL	500									
Xylenes, Total	BRL	250									
Surr: 4-Bromofluorobenzene	2461	250	2500	0	98.4	65.3	133	0	0		
Surr: Dibromofluoromethane	2630	250	2500	0	105	80.1	121	0	0		
Surr: Toluene-d8	2668	250	2500	0	107	67.8	145	0	0		

Sample ID MB-47602	SampType: MBLK	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 7/12/2004	RunNo: 53253						
Client ID:	Batch ID: 47602	TestNo: SW8260B		Analysis Date: 7/15/2004	SeqNo: 1023837						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	BRL	250									
1,1,2,2-Tetrachloroethane	BRL	250									
1,1,2-Trichloroethane	BRL	250									
1,1-Dichloroethane	BRL	250									
1,1-Dichloroethene	BRL	250									
1,2,4-Trichlorobenzene	BRL	250									
1,2-Dibromo-3-chloropropane	BRL	250									
1,2-Dibromoethane	BRL	250									
1,2-Dichlorobenzene	BRL	250									
1,2-Dichloroethane	BRL	250									
1,2-Dichloroethene, Total	BRL	250									
1,2-Dichloropropane	BRL	250									
1,3-Dichlorobenzene	BRL	250									
1,4-Dichlorobenzene	BRL	250									
2-Butanone	BRL	500									
2-Hexanone	BRL	500									
4-Methyl-2-pentanone	BRL	500									
Acetone	BRL	5000									
Benzene	BRL	250									
Bromodichloromethane	BRL	250									
Bromoform	BRL	250									

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

# ANALYTICAL QC SUMMARY REPORT

BatchID: 47602

Sample ID MB-47602      SampType: MBLK      TestCode: 8260B\_S      Units: µg/Kg      Prep Date: 7/12/2004      RunNo: 53253  
 Client ID: 47602      Batch ID: 47602      TestNo: SW8260B      Analysis Date: 7/15/2004      SeqNo: 1023837

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/Kg	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	BRL	250										
Carbon disulfide	BRL	500										
Carbon tetrachloride	BRL	250										
Chlorobenzene	BRL	250										
Chloroethane	BRL	500										
Chloroform	BRL	250										
Chloromethane	BRL	500										
cis-1,2-Dichloroethene	BRL	250										
cis-1,3-Dichloropropene	BRL	250										
Cyclohexane	BRL	250										
Dibromochloromethane	BRL	250										
Dichlorodifluoromethane	BRL	500										
Ethylbenzene	BRL	250										
Freon-113	BRL	500										
Hexachlorobutadiene	BRL	250										
Isopropylbenzene	BRL	250										
m,p-Xylene	BRL	500										
Methyl acetate	BRL	250										
Methyl tert-butyl ether	BRL	250										
Methylcyclohexane	BRL	250										
Methylene chloride	BRL	1000										
Naphthalene	BRL	250										
o-Xylene	BRL	250										
Styrene	BRL	250										
Tetrachloroethene	BRL	250										
Toluene	BRL	250										
trans-1,2-Dichloroethene	BRL	250										
trans-1,3-Dichloropropene	BRL	250										
Trichloroethene	BRL	250										
Trichlorofluoromethane	BRL	250										
Vinyl chloride	BRL	500										

Qualifiers: B Analyte detected in the associated Method Blank      BRL Below Reporting Limit      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits      N Analyte not NELAC certified  
 R RPD outside accepted recovery limits      S Spike Recovery outside accepted recovery limits



# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47602

Sample ID	MB-47602	SampType:	MBLK	TestCode:	8260B_S	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53253
Client ID:		Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/15/2004	SeqNo:	1023837

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Xylenes, Total	BRL	250									
Surr: 4-Bromofluorobenzene	2703	250	2500	0	108	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2534	250	2500	0	101	80.1	121	0	0	0	0
Surr: Toluene-d8	2644	250	2500	0	106	67.8	145	0	0	0	0

Sample ID	LCS-47602	SampType:	LCS	TestCode:	8260B_S	Units:	µg/Kg	Prep Date:	7/12/2004	RunNo:	53117
Client ID:		Batch ID:	47602	TestNo:	SW8260B			Analysis Date:	7/12/2004	SeqNo:	1020533

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3460	250	2500	0	138	58.8	139	0	0	0	0
Benzene	2940	250	2500	0	118	77.6	128	0	0	0	0
Chlorobenzene	2742	250	2500	0	110	80.4	131	0	0	0	0
Toluene	3020	250	2500	0	121	79.4	132	0	0	0	0
Trichloroethene	2847	250	2500	0	114	81.8	147	0	0	0	0
Surr: 4-Bromofluorobenzene	2511	250	2500	0	100	65.3	133	0	0	0	0
Surr: Dibromofluoromethane	2590	250	2500	0	104	80.1	121	0	0	0	0
Surr: Toluene-d8	2588	250	2500	0	104	67.8	145	0	0	0	0

Qualifiers:	B	A	H	R	BRL	J	S	E	N
	Analyte detected in the associated Method Blank	Below Reporting Limit	Analyte detected below quantitation limits	Value above quantitation range					
	Holding times for preparation or analysis exceeded	Analyte detected outside accepted recovery limits	Spike Recovery outside accepted recovery limits	Analyte not NELAC certified					

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** URS  
**Work Order:** 0406F09  
**Project:** Red Panthers Pesticide Site

**BatchID:** 47624

Sample ID	MB-47624	SampType: MBLK	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151					
Client ID:	47624	Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021483					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	BRL	0.100	0	0	0	0	0	0	0	0	0

Sample ID	LCS-47624	SampType: LCS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151					
Client ID:	47624	Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021484					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4211	0.100	0.4	0.02169	99.8	80	120	0	0	0	0

Sample ID	0407303-001BMS	SampType: MS	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151					
Client ID:	47624	Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021486					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4083	0.0988	0.395	0.03561	94.4	70	130	0	0	0	0

Sample ID	0407303-001BMSD	SampType: MSD	TestCode: 7471A_S	Units: mg/Kg	Prep Date: 7/13/2004	RunNo: 53151					
Client ID:	47624	Batch ID: 47624	TestNo: SW7471A		Analysis Date: 7/13/2004	SeqNo: 1021487					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.3943	0.0929	0.3715	0.03561	96.5	70	130	0.4083	3.51	30	30

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 R RPD outside accepted recovery limits  
 BRL Below Reporting Limit  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits  
 E Value above quantitation range  
 N Analyte not NELAC certified

# ANALYTICAL QC SUMMARY REPORT

CLIENT: URS  
 Work Order: 0406F09  
 Project: Red Panthers Pesticide Site

BatchID: 47670

Sample ID	MB-47670	SampType:	MBLK	TestCode:	1311_HG	Units:	mg/L	Prep Date:	7/14/2004	RunNo:	53218		
Client ID:		Batch ID:	47670	TestNo:	SW1311/7470			Analysis Date:	7/14/2004	SeqNo:	1022943		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		BRL	0.00400	0	0	0	0	0	0	0	0	0	

Sample ID	LCS-47670	SampType:	LCS	TestCode:	1311_HG	Units:	mg/L	Prep Date:	7/14/2004	RunNo:	53218		
Client ID:		Batch ID:	47670	TestNo:	SW1311/7470			Analysis Date:	7/14/2004	SeqNo:	1022945		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury			0.04147	0.00400	0.04	0.000667	102	80	120	0	0	0	

Sample ID	0407035-002CMS	SampType:	MS	TestCode:	1311_HG	Units:	mg/L	Prep Date:	7/14/2004	RunNo:	53218		
Client ID:		Batch ID:	47670	TestNo:	SW1311/7470			Analysis Date:	7/14/2004	SeqNo:	1022950		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury			0.04206	0.00400	0.04	0.000954	103	80	120	0	0	0	

Sample ID	0407035-002CMSD	SampType:	MSD	TestCode:	1311_HG	Units:	mg/L	Prep Date:	7/14/2004	RunNo:	53218		
Client ID:		Batch ID:	47670	TestNo:	SW1311/7470			Analysis Date:	7/14/2004	SeqNo:	1022952		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury			0.04174	0.00400	0.04	0.000954	102	80	120	0.04206	0.776	20	

**Qualifiers:**

B	Analyte detected in the associated Method Blank	BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N	Analyte not NELAC certified
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		



## **Appendix C**

### **Phase II Final Design Sampling Additional Sampling Analytical Data**

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-001

**Client Sample ID:** D1 E DPT1 0-1  
**Collection Date:** 6/28/2004 2:10:00 PM  
**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>					Analyst: <b>WDP</b>
4,4'-DDD	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
4,4'-DDE	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
4,4'-DDT	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Aldrin	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
alpha-BHC	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
alpha-Chlordane	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
beta-BHC	2.8	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
delta-BHC	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Dieldrin	23	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Endosulfan I	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Endosulfan II	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Endosulfan sulfate	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Endrin	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Endrin aldehyde	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Endrin ketone	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
gamma-BHC	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
gamma-Chlordane	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Heptachlor	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Heptachlor epoxide	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Methoxychlor	BRL	22		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Toxaphene	BRL	220		µg/Kg-dry	47306	1	7/1/2004 3:40:00 PM
Surr: Decachlorobiphenyl	97.1	11.2-135		%REC	47306	1	7/1/2004 3:40:00 PM
Surr: Tetrachloro-m-xylene	75.0	16.4-135		%REC	47306	1	7/1/2004 3:40:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>			Analyst: <b>CDW</b>
Arsenic	9.62	5.11		mg/Kg-dry	47318	1	7/1/2004 6:07:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>					Analyst: <b>AAN</b>
Percent Moisture	23.8	0		wt%		1	7/2/2004 10:15:00 AM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-002

**Client Sample ID:** D1 E DPT1 1-2  
**Collection Date:** 6/29/2004 2:20:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		<b>Analyst: JMZ</b>			
4,4'-DDD	6.6	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
4,4'-DDE	19	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
4,4'-DDT	12	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Aldrin	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
alpha-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
alpha-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
beta-BHC	5.2	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
delta-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Dieldrin	71	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Endosulfan I	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Endosulfan II	BRL	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Endosulfan sulfate	BRL	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Endrin	7.6	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Endrin aldehyde	BRL	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Endrin ketone	BRL	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
gamma-BHC	BRL	4.4		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
gamma-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Heptachlor	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Heptachlor epoxide	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Methoxychlor	BRL	22		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Toxaphene	230	220		µg/Kg-dry	47539	1	7/14/2004 4:19:00 PM
Surr: Decachlorobiphenyl	71.1	11.2-135		%REC	47539	1	7/14/2004 4:19:00 PM
Surr: Tetrachloro-m-xylene	71.5	16.4-135		%REC	47539	1	7/14/2004 4:19:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		<b>Analyst: CDW</b>	
Arsenic	10.0	4.95		mg/Kg-dry	47534	1	7/9/2004 10:55:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		<b>Analyst: AAN</b>			
Percent Moisture	24.4	0		wt%		1	7/9/2004 6:30:00 PM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-003

**Client Sample ID:** D1 E DPT2 0-1  
**Collection Date:** 6/29/2004 2:40:00 PM  
**Matrix:** SOIL

Analyses	Result	Rpt. .Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		Analyst: <b>WDP</b>			
4,4'-DDD	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
4,4'-DDE	7.5	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
4,4'-DDT	5.0	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Aldrin	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
alpha-BHC	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
alpha-Chlordane	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
beta-BHC	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
delta-BHC	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Dieldrin	15	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Endosulfan I	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Endosulfan II	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Endosulfan sulfate	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Endrin	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Endrin aldehyde	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Endrin ketone	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
gamma-BHC	BRL	4.4		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
gamma-Chlordane	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Heptachlor	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Heptachlor epoxide	BRL	2.2		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Methoxychlor	BRL	22		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Toxaphene	BRL	220		µg/Kg-dry	47306	1	7/1/2004 5:40:00 PM
Surr: Decachlorobiphenyl	104	11.2-135		%REC	47306	1	7/1/2004 5:40:00 PM
Surr: Tetrachloro-m-xylene	71.2	16.4-135		%REC	47306	1	7/1/2004 5:40:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		Analyst: <b>CDW</b>	
Arsenic	11.8	5.17		mg/Kg-dry	47318	1	7/1/2004 6:11:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: <b>AAN</b>			
Percent Moisture	23.9	0		wt%		1	7/2/2004 10:15:00 AM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-004

**Client Sample ID:** D1 E DPT2 1-2  
**Collection Date:** 6/29/2004 2:45:00 PM  
**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		<b>Analyst: JMZ</b>			
4,4'-DDD	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
4,4'-DDE	6.3	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
4,4'-DDT	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Aldrin	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
alpha-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
alpha-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
beta-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
delta-BHC	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Dieldrin	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Endosulfan I	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Endosulfan II	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Endosulfan sulfate	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Endrin	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Endrin aldehyde	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Endrin ketone	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
gamma-BHC	BRL	4.3		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
gamma-Chlordane	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Heptachlor	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Heptachlor epoxide	BRL	2.2		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Methoxychlor	BRL	22		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Toxaphene	BRL	220		µg/Kg-dry	47539	1	7/14/2004 4:49:00 PM
Surr: Decachlorobiphenyl	72.8	11.2-135		%REC	47539	1	7/14/2004 4:49:00 PM
Surr: Tetrachloro-m-xylene	104	16.4-135		%REC	47539	1	7/14/2004 4:49:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		<b>Analyst: CDW</b>	
Arsenic	30.4	4.49		mg/Kg-dry	47534	1	7/9/2004 11:08:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		<b>Analyst: AAN</b>			
Percent Moisture	23.1	0		wt%		1	7/9/2004 6:30:00 PM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-005

**Client Sample ID:** ADSD DPT1 0-1  
**Collection Date:** 6/29/2004 3:10:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		<b>Analyst: WDP</b>			
4,4'-DDD	3100	430		µg/Kg-dry	47306	100	7/2/2004 3:42:00 PM
4,4'-DDE	670	430		µg/Kg-dry	47306	100	7/2/2004 3:42:00 PM
4,4'-DDT	1500	430		µg/Kg-dry	47306	100	7/2/2004 3:42:00 PM
Aldrin	BRL	2.1		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
alpha-BHC	BRL	2.1		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
alpha-Chlordane	BRL	210		µg/Kg-dry	47306	100	7/2/2004 3:42:00 PM
beta-BHC	BRL	2.1		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
delta-BHC	BRL	2.1		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Dieldrin	2400	430		µg/Kg-dry	47306	100	7/2/2004 3:42:00 PM
Endosulfan I	BRL	2.1		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Endosulfan II	BRL	4.3		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Endosulfan sulfate	BRL	4.3		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Endrin	BRL	4.3		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Endrin aldehyde	BRL	4.3		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Endrin ketone	BRL	4.3		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
gamma-BHC	BRL	4.3		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
gamma-Chlordane	BRL	210		µg/Kg-dry	47306	100	7/2/2004 3:42:00 PM
Heptachlor	BRL	2.1		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Heptachlor epoxide	BRL	2.1		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Methoxychlor	BRL	21		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Toxaphene	BRL	210		µg/Kg-dry	47306	1	7/1/2004 6:09:00 PM
Surr: Decachlorobiphenyl	0	11.2-135	S	%REC	47306	100	7/2/2004 3:42:00 PM
Surr: Decachlorobiphenyl	76.1	11.2-135		%REC	47306	1	7/1/2004 6:09:00 PM
Surr: Tetrachloro-m-xylene	0	16.4-135	S	%REC	47306	100	7/2/2004 3:42:00 PM
Surr: Tetrachloro-m-xylene	59.5	16.4-135		%REC	47306	1	7/1/2004 6:09:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		<b>Analyst: CDW</b>	
Arsenic	72.8	3.98		mg/Kg-dry	47318	1	7/1/2004 6:15:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		<b>Analyst: AAN</b>			
Percent Moisture	22.5	0		wt%		1	7/2/2004 10:15:00 AM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-006

**Client Sample ID:** ADSD DPT1 1-2  
**Collection Date:** 6/29/2004 3:15:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		Analyst: <b>JMZ</b>			
4,4'-DDD	24	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
4,4'-DDE	11	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
4,4'-DDT	10	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Aldrin	BRL	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
alpha-BHC	BRL	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
alpha-Chlordane	2.9	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
beta-BHC	3.0	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
delta-BHC	BRL	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Dieldrin	88	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Endosulfan I	BRL	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Endosulfan II	BRL	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Endosulfan sulfate	BRL	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Endrin	BRL	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Endrin aldehyde	BRL	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Endrin ketone	5.2	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
gamma-BHC	BRL	4.2		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
gamma-Chlordane	BRL	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Heptachlor	BRL	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Heptachlor epoxide	BRL	2.1		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Methoxychlor	BRL	21		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Toxaphene	210	210		µg/Kg-dry	47539	1	7/14/2004 2:50:00 PM
Surr: Decachlorobiphenyl	65.0	11.2-135		%REC	47539	1	7/14/2004 2:50:00 PM
Surr: Tetrachloro-m-xylene	48.7	16.4-135		%REC	47539	1	7/14/2004 2:50:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		Analyst: <b>CDW</b>	
Arsenic	7.04	5.06		mg/Kg-dry	47534	1	7/9/2004 11:13:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		Analyst: <b>AAN</b>			
Percent Moisture	21.0	0		wt%		1	7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

**Analytical Environmental Services, Inc.**

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-007

**Client Sample ID:** ADSD DPT2 0-1  
**Collection Date:** 6/29/2004 3:40:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>		<b>Analyst: WDP</b>			
4,4'-DDD	20000	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
4,4'-DDE	8500	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
4,4'-DDT	81000	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Aldrin	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
alpha-BHC	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
alpha-Chlordane	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
beta-BHC	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
delta-BHC	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Dieldrin	19000	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Endosulfan I	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Endosulfan II	16000	4200	NC	µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Endosulfan sulfate	BRL	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Endrin	BRL	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Endrin aldehyde	BRL	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Endrin ketone	BRL	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
gamma-BHC	BRL	4200		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
gamma-Chlordane	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Heptachlor	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Heptachlor epoxide	BRL	2100		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Methoxychlor	BRL	21000		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Toxaphene	260000	210000		µg/Kg-dry	47306	1000	7/2/2004 4:13:00 PM
Surr: Decachlorobiphenyl	0	11.2-135	S	%REC	47306	1000	7/2/2004 4:13:00 PM
Surr: Tetrachloro-m-xylene	0	16.4-135	S	%REC	47306	1000	7/2/2004 4:13:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>		<b>Analyst: CDW</b>	
Arsenic	28.8	3.99		mg/Kg-dry	47318	1	7/1/2004 5:53:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>		<b>Analyst: AAN</b>			
Percent Moisture	19.8	0		wt%		1	7/2/2004 10:15:00 AM

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
BRL	Below Reporting Limit	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
N	Analyte not NELAC certified	P	NELAC analyte certification pending
Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

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# Analytical Environmental Services, Inc.

Date: 19-Jul-04

**CLIENT:** URS  
**Lab Order:** 0406F09  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0406F09-008

**Client Sample ID:** ADSD DPT2 1-2  
**Collection Date:** 6/29/2004 3:45:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>					Analyst: <b>JMZ</b>
4,4'-DDD	8100	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
4,4'-DDE	BRL	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
4,4'-DDT	130000	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Aldrin	BRL	22000		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
alpha-BHC	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
alpha-Chlordane	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
beta-BHC	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
delta-BHC	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Dieldrin	13000	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Endosulfan I	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Endosulfan II	BRL	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Endosulfan sulfate	BRL	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Endrin	BRL	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Endrin aldehyde	BRL	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Endrin ketone	BRL	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
gamma-BHC	BRL	4300		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
gamma-Chlordane	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Heptachlor	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Heptachlor epoxide	BRL	2200		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Methoxychlor	BRL	22000		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Toxaphene	340000	220000		µg/Kg-dry	47539	1000	7/15/2004 10:01:00 P
Surr: Decachlorobiphenyl	0	11.2-135	S	%REC	47539	1000	7/15/2004 10:01:00 P
Surr: Tetrachloro-m-xylene	0	16.4-135	S	%REC	47539	1000	7/15/2004 10:01:00 P
<b>METALS, TOTAL</b>		<b>SW6010B</b>		<b>(SW3050B)</b>			Analyst: <b>CDW</b>
Arsenic	11.6	5.85		mg/Kg-dry	47534	1	7/9/2004 11:17:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>					Analyst: <b>AAN</b>
Percent Moisture	22.8	0		wt%		1	7/9/2004 6:30:00 PM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits

# Analytical Environmental Services, Inc.

Date: 20-Jul-04

CLIENT: URS  
 Lab Order: 0407035  
 Project: Red Panthers Pesticide Site  
 Lab ID: 0407035-007

Client Sample ID: BREEZEWAY EAST  
 Collection Date: 6/29/2004 2:30:00 PM  
 Matrix: SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>			<b>Analyst: JMZ</b>		
4,4'-DDD	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
4,4'-DDE	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
4,4'-DDT	3200000	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Aldrin	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
alpha-BHC	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
alpha-Chlordane	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
beta-BHC	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
delta-BHC	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Dieldrin	940000	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Endosulfan I	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Endosulfan II	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Endosulfan sulfate	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Endrin	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Endrin aldehyde	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Endrin ketone	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
gamma-BHC	BRL	460000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
gamma-Chlordane	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Heptachlor	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Heptachlor epoxide	BRL	230000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Methoxychlor	BRL	2300000		µg/Kg-dry	47378	100000	7/8/2004 5:00:00 PM
Toxaphene	BRL	2300000		µg/Kg-dry	47378	10000	7/8/2004 4:30:00 PM
Surr: Decachlorobiphenyl	0	11.2-135	S	%REC	47378	10000	7/8/2004 4:30:00 PM
Surr: Tetrachloro-m-xylene	0	16.4-135	S	%REC	47378	10000	7/8/2004 4:30:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B (SW3050B)</b>			<b>Analyst: CDW</b>		
Arsenic	174	4.51		mg/Kg-dry	47324	1	7/2/2004 3:21:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	27.8	0		wt%	1	7/2/2004 10:15:00 AM	

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits



**Analytical Environmental Services, Inc.**

Date: 20-Jul-04

**CLIENT:** URS  
**Lab Order:** 0407035  
**Project:** Red Panthers Pesticide Site  
**Lab ID:** 0407035-008

**Client Sample ID:** BREEZEWAY WEST  
**Collection Date:** 6/29/2004 3:05:00 PM

**Matrix:** SOIL

Analyses	Result	Rpt. Limit	Qual	Units	BatchID	DF	Date Analyzed
<b>CHLORINATED PESTICIDES, TARGET COMPOUN</b>		<b>SW8081A</b>			<b>Analyst: JMZ</b>		
4,4'-DDD	1300000	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
4,4'-DDE	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
4,4'-DDT	9900000	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Aldrin	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
alpha-BHC	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
alpha-Chlordane	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
beta-BHC	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
delta-BHC	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Dieldrin	620000	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Endosulfan I	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Endosulfan II	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Endosulfan sulfate	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Endrin	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Endrin aldehyde	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Endrin ketone	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
gamma-BHC	BRL	590000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
gamma-Chlordane	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Heptachlor	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Heptachlor epoxide	BRL	290000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Methoxychlor	BRL	2900000		µg/Kg-dry	47378	100000	7/8/2004 5:30:00 PM
Toxaphene	12000000	2900000		µg/Kg-dry	47378	10000	7/8/2004 6:00:00 PM
Surr: Decachlorobiphenyl	0	11.2-135	S	%REC	47378	100000	7/8/2004 5:30:00 PM
Surr: Tetrachloro-m-xylene	0	16.4-135	S	%REC	47378	100000	7/8/2004 5:30:00 PM
<b>METALS, TOTAL</b>		<b>SW6010B (SW3050B)</b>			<b>Analyst: CDW</b>		
Arsenic	755	7.73		mg/Kg-dry	47324	1	7/2/2004 3:25:00 PM
<b>PERCENT MOISTURE</b>		<b>D2216</b>			<b>Analyst: AAN</b>		
Percent Moisture	43.3	0		wt%	1	1	7/2/2004 10:15:00 AM

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	BRL	Below Reporting Limit	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	N	Analyte not NELAC certified	P	NELAC analyte certification pending
	Rpt Limit	Reporting Limit	S	Spike Recovery outside accepted recovery limits