

RECEIVED

1:51 pm, Mar 18, 2011
Alameda County
Environmental Health

**EXCAVATION, GRADING, AND SURFACE CAP
CONSTRUCTION REPORT
HARD-RDA HOLLAND PARK PROPERTY
16301 EAST 14TH STREET
SAN LEANDRO, CALIFORNIA**

PREPARED FOR:

Hayward Area Recreation and Park District
1099 E Street
Hayward, California 94541

PREPARED BY:

Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94610

March 2, 2011
Project No. 401314006

March 2, 2011
Project No. 401314006

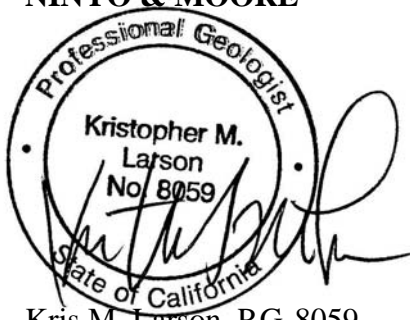
Mr. Lawrence R. Lepore
Park Superintendent
Hayward Area Recreation and Park District
1099 E Street
Hayward, California 94541

Subject: Excavation, Grading, and Surface Cap Construction Report
HARD-RDA Holland Park Property, 16301 East 14th Street
San Leandro, California

Dear Mr. Lepore:

Ninyo & Moore has prepared the enclosed Excavation, Grading, and Surface Cap Construction Report at the HARD-RDA Holland Park property located at 16301 East 14th Street in the City of San Leandro, California. I declare, under penalty of perjury, that the information and recommendations contained in the attached report are true and correct to the best of my knowledge. We appreciate the opportunity to provide service on this project.

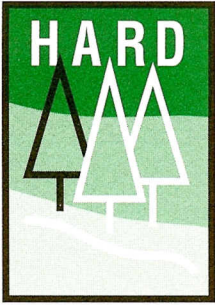
Sincerely,
NINYO & MOORE



Kris M. Larson, P.G. 8059
Principal Environmental Geologist

NSR/KML/csj

Distribution: (1) Addressee
(1) Mr. Jerry Wickham



HAYWARD AREA RECREATION AND PARK DISTRICT

1099 'E' Street, Hayward, California 94541-5299 • Telephone (510) 881-6700 FAX (510) 888-5758

March 9, 2011

Subject: Perjury Statement
Excavation, Grading, and Surface Cap Construction Report
HARD-RDA Holland Park Property, 16301 East 14th Street
San Leandro, California

PERJURY STATEMENT BY RESPONSIBLE PARTY

I declare under penalty of perjury, that the information and recommendations contained in the attached report are true and correct to the best of my knowledge.

Mr. Lawrence R. Lepore
Park Superintendent, Hayward Area Recreation and Park
District

BOARD OF DIRECTORS

Louis M. Andrade
Paul W. Hodges Jr.
Minane Jameson
Carol A. Pereira
Dennis M. Waespi

GENERAL MANAGER

Rita Bedoya Shue

TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION	1
2. BACKGROUND	1
3. DOCUMENTATION OF PARK CONSTRUCTION AND SURFACE CAP EMPLACEMENT	2
3.1. Initial Park Construction and Placement of Surface Cap Activities.....	2
3.2. Soil Subgrade Sampling and Laboratory Analysis.....	3
3.3. Re-excavation and Off-Hauling Activities	4
3.4. Import Source Sampling and Backfill Activities.....	5
4. CONCLUSIONS AND RECOMMENDATIONS	6
5. LIMITATIONS.....	6
6. REFERENCES	8

Figures

Figure 1 – Site Location

Figure 2 – Previous Sample Locations

Figure 3 – Surface Cap and Soil Sample Locations

Appendices

Appendix A – Park Redevelopment Plan and ACDEH Correspondence Letter

Appendix B – Site Photographs

Appendix C – Laboratory Analytical Reports

Appendix D – Correspondence with ACEHD

1. INTRODUCTION

This Excavation, Grading, and Surface Cap Construction Report has been prepared to document removal of post excavation constituent of concern (COC) impacted soils, and the emplacement of a clean fill cap at the Former Holland Oil Site property located at 16301 East 14th Street in San Leandro, California (site, Figure 1). This report was prepared as a response to an Alameda County Department of Environmental Health (ACDEH) correspondence dated April 5, 2010. This letter is discussed below in Section 2 and included in Appendix A.

2. BACKGROUND

Remedial activities occurred at the site in September 2009, which consisted of the excavation and removal of 4352.2 tons of soil impacted with total petroleum hydrocarbons (TPH) and polychlorinated biphenyls (PCBs). According to the Corrective Action Plan (Amicus, 2009), excavation of impacted soil was completed in four cells (A1, A2, B1, and B2). According to pre-excavation sampling, locations outside of the four cells contained elevated levels of COC. In order to be conservative and protective of future park users, this area, designated as Area C, was scraped to a depth of 1-foot below ground surface (ft bgs). The excavation areas are depicted on Figure 2. A Corrective Action Plan Implementation and Closure Report completed by Ninyo & Moore on December 28, 2009, discusses the remedial activities (Ninyo & Moore, 2009).

Because TPH impacted soils remained in certain site areas, a Soil Management Plan (SMP), dated February 5, 2010, was prepared and submitted by Ninyo & Moore to the ACDEH. The SMP (Ninyo & Moore, 2010) proposed monitoring of excavation and grading activities during the planned park construction. The ACDEH submitted a response correspondence, dated April 5, 2010, which indicated the SMP was generally acceptable provided two comments were incorporated. The first comment requested the verification and documentation of fill thickness and surface cover, and oversight during excavation and grading during park construction. A figure was also requested illustrating the areas of hard cover and thickness of clean fill used to cap previously exposed soil. The cap was required to consist of either a hard surface, such as concrete or asphalt, or a minimum

of one-foot of clean fill or landscaped materials. The second comment requested the submittal of a deed restriction for review by ACDEH personnel.

The planned use for the site was a park facility, and included a skate park in the northern section, children's play area and picnic area in the western section, a youth center in the eastern section, and asphalt parking lots in the northwestern and southern boundaries of the site. It should be noted that the construction of the youth center is planned to take place at a later time. An image of the Park Redevelopment Plan is presented in Appendix A.

3. DOCUMENTATION OF PARK CONSTRUCTION AND SURFACE CAP EMPLACEMENT

3.1. Initial Park Construction and Placement of Surface Cap Activities

Park construction activities took place between March 2010 and February 2011 and included trench work, grading of parking areas to finish subgrade elevation, and surface cap emplacement. A description of construction activities follows.

Trenching activities included the installation of a 10" storm drain system, which took place on April 8, 2010 adjacent to the southern property border just north of the fence. A total of 200 linear feet of soil was trenched to a depth of approximately 3 to 4 ft bgs. The excavated soils were reported as containing petroleum odor and were stockpiled adjacent to the trench and reused as backfill material after the storm drain system was installed. The trench is depicted adjacent to the southern property boundary in Figure 3.

On April 14, 2010, the previously excavated cells A1 and A2 were re-excavated in order to properly compact backfilled material to appropriate geotechnical standards. Soil that was visually stained or exhibited petroleum odors was segregated for offsite disposal. The segregated soil was off-hauled on a later date to West Winton Landfill in Hayward, California. The excavation was backfilled with crushed rock to a depth of 6-inches above the standing water to allow for proper compaction. On April 16, 2010, the excavation was backfilled with soil onsite and compacted in lifts to the surface. Compaction testing met or

exceeded geotechnical specifications. Photographs 1, 2, and 3, within Appendix B, depict the re-excavated cells and the backfill activities.

The field activities that took place between April 15 and September 14, 2010 consisted of grading and constructing the asphalt and concrete areas of the site, and grading of cap soils in the landscaped area depicted on Figure 3. The material used to build up the subgrade beneath the landscaped areas of the site consisted of excess soil created from onsite grading activities and imported organic soil amendment. Approximately 100 yds³ of organic soil amendment were imported to the site and were mixed with site soils by a tiller to form the subgrade beneath the landscaped areas of the site. Beneath the concrete covered portions of the site were approximately 8-inches of aggregate base. Below the asphalt roadway and parking areas of the site were approximately 12-inches of aggregate base. The asphalt was 3-inches in thickness. The children's play area contained approximately 8-inches of subgrade and was capped with a rubber surface. Photographs 4, 5, and 6 depict the concrete and asphalt construction and the grading activities, and photographs 7, 8, and 9 depict the soil subgrade and hard cap features.

Because the cap soils used for landscaped areas of the site were not from a documented clean fill source, after conferring with HARD and ACDEH personnel, Ninyo & Moore personnel collected cap soil samples from the landscaped areas on September 27, 2010.

3.2. Soil Subgrade Sampling and Laboratory Analysis

Prior to collecting cap soil samples, the sampling area was divided into four zones (A through D) and two sample locations were chosen for each zone. The sample locations (A1, A2, B1, B2, C1, C2, D1, and D2) were chosen to collect representative data from the exposed cap soil prior to the landscaping activities. The two samples per zone were composited and analyzed as one sample by the laboratory. Soil samples were collected with the appropriate sample containers, placed within a cooler, and shipped to Advanced Technology Laboratories (ATL) for analysis. The samples were analyzed for COCs including PCBs by EPA Method 8082, TPH as diesel (TPH-d) and motor oil (TPH-mo) by EPA

Method 8015B. The cap soil sample locations are depicted on Figure 3. Photographs 7, 8, and 9 depict the site conditions on September 27, 2010.

The soil laboratory analytical results contained concentrations of TPH-d ranging from 41 to 170 mg/kg, TPH-mo ranging from 110 to 610 mg/kg, and PCBs ranging from below detection limits to 260 micrograms per kilogram ($\mu\text{g}/\text{kg}$). The analytical results were evaluated by Ninyo & Moore personnel and presented to HARD and the ACDEH. The soil was not approved by the ACDEH as suitable cap material due to the COC concentrations reported above the ACDEH approved remediation goals. A copy of the laboratory analytical report is included in Appendix C.

In addition to the cap soil samples collected on September 27, 2010, Ninyo & Moore personnel collected soil samples on October 13, 2010 beneath a large tree located in the northern portion of the site. In an effort to minimize damage to the root structure of the tree, HARD requested that no excavation be completed under the drip line of the tree. Four cap soil samples (CST-A through CST-D) (Figure 3) were collected from within the drip line of the tree, and the samples were composited into one sample by the laboratory and analyzed for TPH-d. The laboratory analytical result was 130 mg/kg. Based on conversations with ACDEH personnel, this was acceptable due to the concentration slightly exceeding the cleanup goals.

3.3. Re-excavation and Off-Hauling Activities

A landscaping contractor (Pacheco Brothers) was hired to excavate and replace the areas of the cap soil determined not suitable by the ACEHD. The areas were excavated to a depth of 12-inches between January 5, 2011 and January 25, 2011. The COC impacted soil was stockpiled on, and covered with, visqueen plastic to prevent the migration of contaminants. Ninyo & Moore personnel were onsite to observe all excavation and off-hauling activities to verify the appropriate excavation depth was met and the soil stockpile was covered appropriately at the end of each day. Approximately 580 yds³ of soil was off-hauled to the West Winton Landfill in Hayward, California on January 13, 14, 21, 24, and 26, 2011.

Photographs 10 through 16, within Appendix B, depict the soil subgrade at various locations of the site after re-excavation activities.

3.4. Import Source Sampling and Backfill Activities

Pacheco Brothers provided two bulk soil samples from an import source on January 12, 2011 for use as a clean cap material for the site. Ninyo & Moore personnel collected two discreet soil samples from the bulk samples and sent them to Advanced Technology Lab for analysis of TPH-d and TPH-mo by EPA Method 8015B, Title 22 Metals by EPA Method 6010B, pesticides by EPA Method 8081A, PCBs by EPA Method 8082, and semi-volatile organic compounds (SVOCs) by EPA Method 8270 SIM. The laboratory analytical results were evaluated by Ninyo & Moore personnel and sent to the ACDEH on January 21, 2011. The ACDEH did not approve the material as suitable, due to concentrations of benzo(a)pyrene (45 micrograms per kilogram [$\mu\text{g}/\text{kg}$]) slightly exceeding the ESL of 38 $\mu\text{g}/\text{kg}$. A copy of the laboratory analytical report is included in Appendix C.

Pacheco Brothers provided two bulk soil samples from a second import source on January 24, 2011. Ninyo & Moore personnel collected two discreet soil samples from the bulk samples and sent them to ATL for analysis of TPH-d and TPH-mo by EPA Method 8015B, Title 22 Metals by EPA Method 6010B, pesticides by EPA Method 8081A, PCBs by EPA Method 8082, and SVOCs by EPA Method 8270 SIM. The laboratory analytical results were evaluated by Ninyo & Moore personnel, and deemed suitable for use as site fill material. A copy of the data was sent to the ACEHD for confirmation, which occurred on January 26, 2011. A copy of the laboratory analytical report is included in Appendix C. A copy of the correspondence between Mr. Nicholas Roy of Ninyo & Moore and Mr. Jerry Wickham of ACEHD, which includes the approval of the import source material, is included in Appendix D.

Backfilling activities took place between January 28 and March 1, 2011. A total of 500 cubic yards of backfill material was imported by Pacheco Brothers. The import material was placed in one lift between 9" and 10" of depth in the landscaped areas, and observed by

Ninyo & Moore personnel. Photographs 17 through 21, within Appendix B, depict the back-filling activities. In addition to the import material, a total of 60 cubic yards of compost material was mixed into the backfill by tiller. Photographs 22 and 23, within Appendix B, depict the site after addition of compost. The backfill depths were approximately 10-inches in areas to be covered by sod and approximately 9-inches in areas to be covered by planters. The depth of the sod to be placed on top of the backfill is estimated to be 2-inches, and a 3-inch layer of mulch is to be placed in planter areas. The re-excavated and backfilled area of the park is depicted on Figure 3.

4. CONCLUSIONS AND RECOMMENDATIONS

Based on the surface cap emplacement activities discussed in this report, the recommendations from the ACDEH have been satisfied, and no further action is required to meet ACDEH requirements.

5. LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities.

Ninyo & Moore's conclusions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

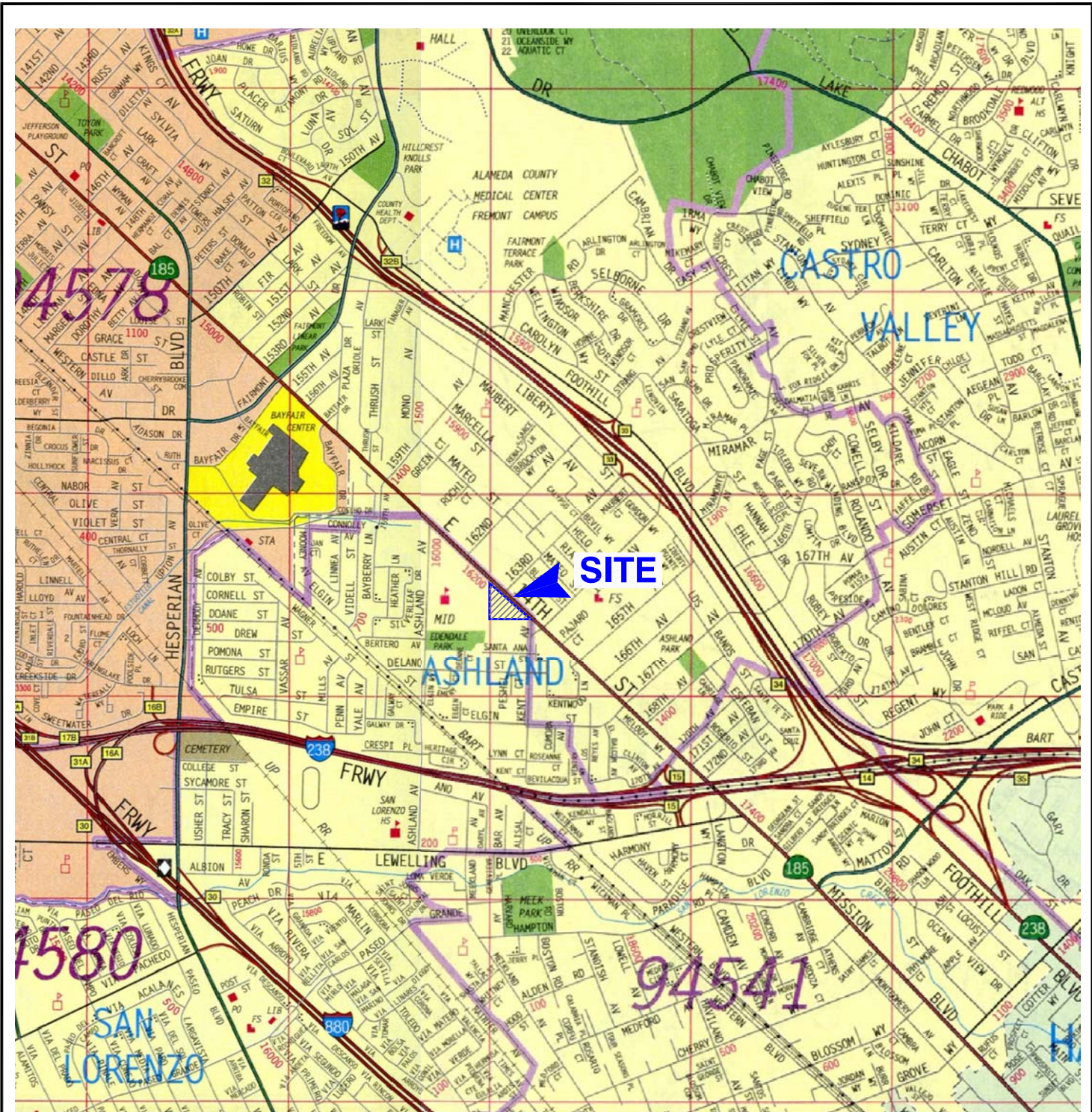
This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

6. REFERENCES

Amicus - Strategic Environmental Consulting, 2009 Corrective Action Plan, HARD-RDA Holland Park Property, 16301 E. 14th Street, San Leandro (Ashland District), California, dated May 28.

Ninyo & Moore, 2009, Corrective Action Plan Implementation and Closure Report, HARD-RDA Holland Park Property, 16301 E. 14th Street, San Leandro, California, dated December 28.

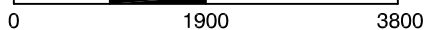
Ninyo & Moore, 2010, Soil Management Plan, HARD-RDA Holland Park Property, 16301 E. 14th Street, San Leandro, California, dated June 22.



REFERENCE: 2005 THOMAS GUIDE FOR ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES, STREET GUIDE AND DIRECTORY.



SCALE IN FEET



NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SITE LOCATION	FIGURE
PROJECT NO.	DATE	HARD-RDA HOLLAND PARK PROPERTY 16301 EAST 14th STREET SAN LEANDRO, CALIFORNIA	1
401314006	3/11		

LEGEND

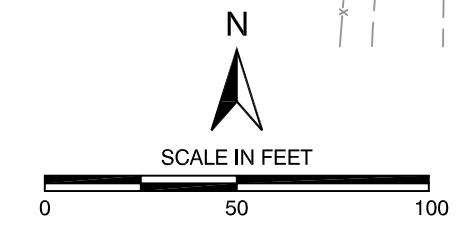
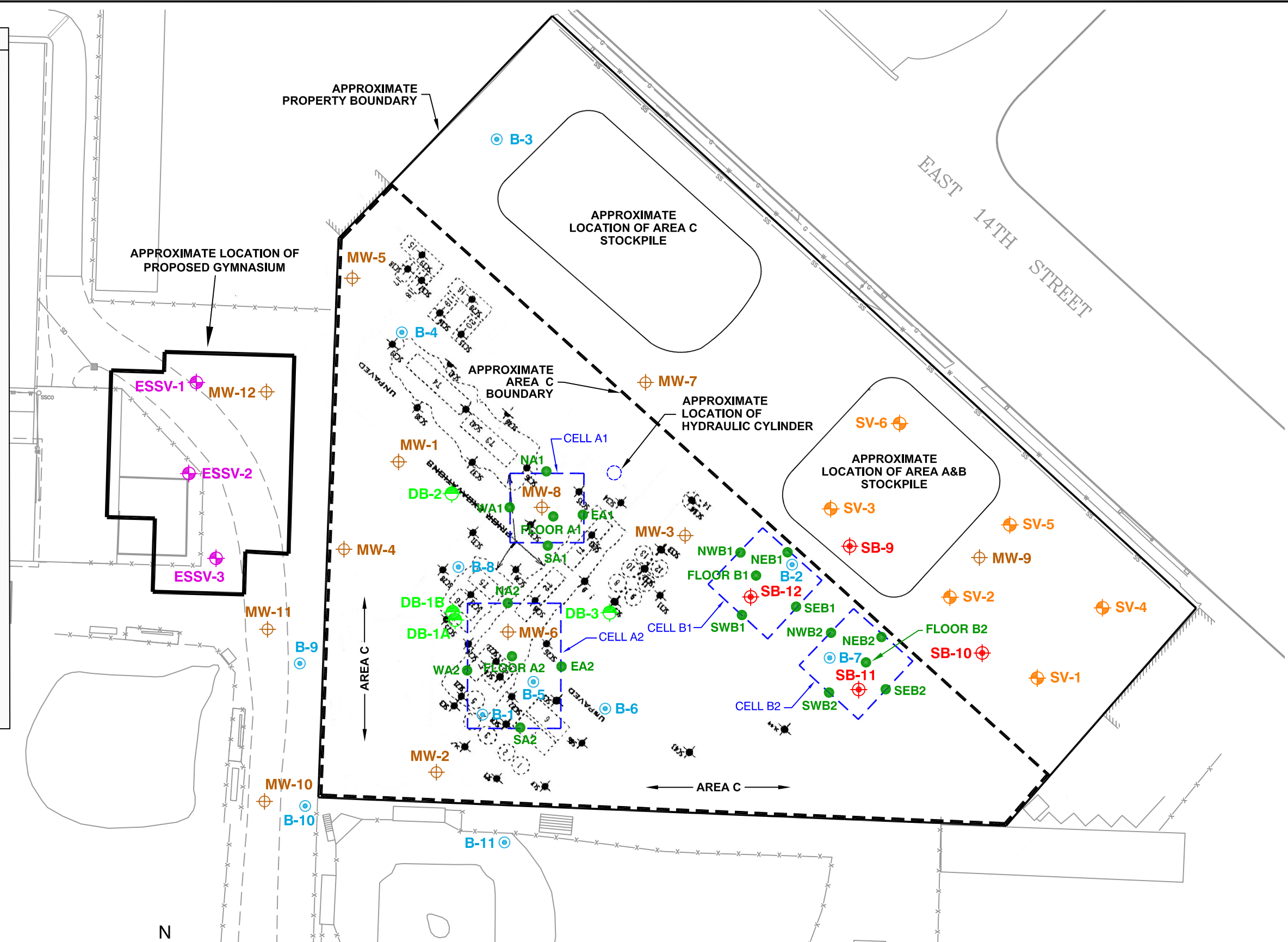
- ⊕ **ESSV-3** APPROXIMATE LOCATION OF SOIL VAPOR BORING ADVANCED IN APRIL 2009
- ⊕ **MW-12** APPROXIMATE LOCATION OF EXISTING GROUNDWATER MONITORING WELL
- ⊕ **B-3** APPROXIMATE LOCATION OF EXPLORATORY BORING ADVANCED IN JULY 2007
- ⊕ **SB-12** APPROXIMATE LOCATION OF BORING ADVANCED IN OCTOBER 2008
- ⊕ **DB-3** APPROXIMATE LOCATION OF DEEP BORING ADVANCED IN OCTOBER 2008
- ⊕ **SV-1** APPROXIMATE LOCATION OF SOIL VAPOR SAMPLE BORING ADVANCED IN OCTOBER 2008
- T1** APPROXIMATE LOCATION OF FORMER USTs
- **NEB1** APPROXIMATE LOCATION OF SOIL CONFIRMATORY SAMPLE

FORMER ABT CONTENTS

- 1- waste oil/kerosene
- 2- waste oil/kerosene
- 3- waste oil/kerosene
- 4- waste oil/kerosene
- 5- waste oil/kerosene
- 6- waste oil/kerosene
- 7- waste oil/kerosene
- 8- virgin motor oil/automatic trans. fluid/pale stock
- 9- virgin motor oil/automatic trans. fluid/pale stock
- 10- virgin motor oil/automatic trans. fluid/pale stock
- 11- virgin motor oil/automatic trans. fluid/pale stock
- 12- virgin motor oil/automatic trans. fluid/pale stock
- 13- virgin motor oil/automatic trans. fluid/pale stock
- 14- virgin motor oil/automatic trans. fluid/pale stock
- 15- waste oil/kerosene/virgin motor oil/automatic trans. fluid/gasoline/diesel/kerosene
- 16- waste oil/kerosene/virgin motor oil/automatic trans. fluid/gasoline/diesel/kerosene
- 17- waste oil/kerosene/virgin motor oil/automatic trans. fluid/gasoline/diesel/kerosene
- 18- waste oil/kerosene/virgin motor oil/automatic trans. fluid/gasoline/diesel/kerosene
- 19- waste oil/kerosene/virgin motor oil/automatic trans. fluid/gasoline/diesel/kerosene
- 20- waste oil/kerosene/virgin motor oil/automatic trans. fluid/gasoline/diesel/kerosene

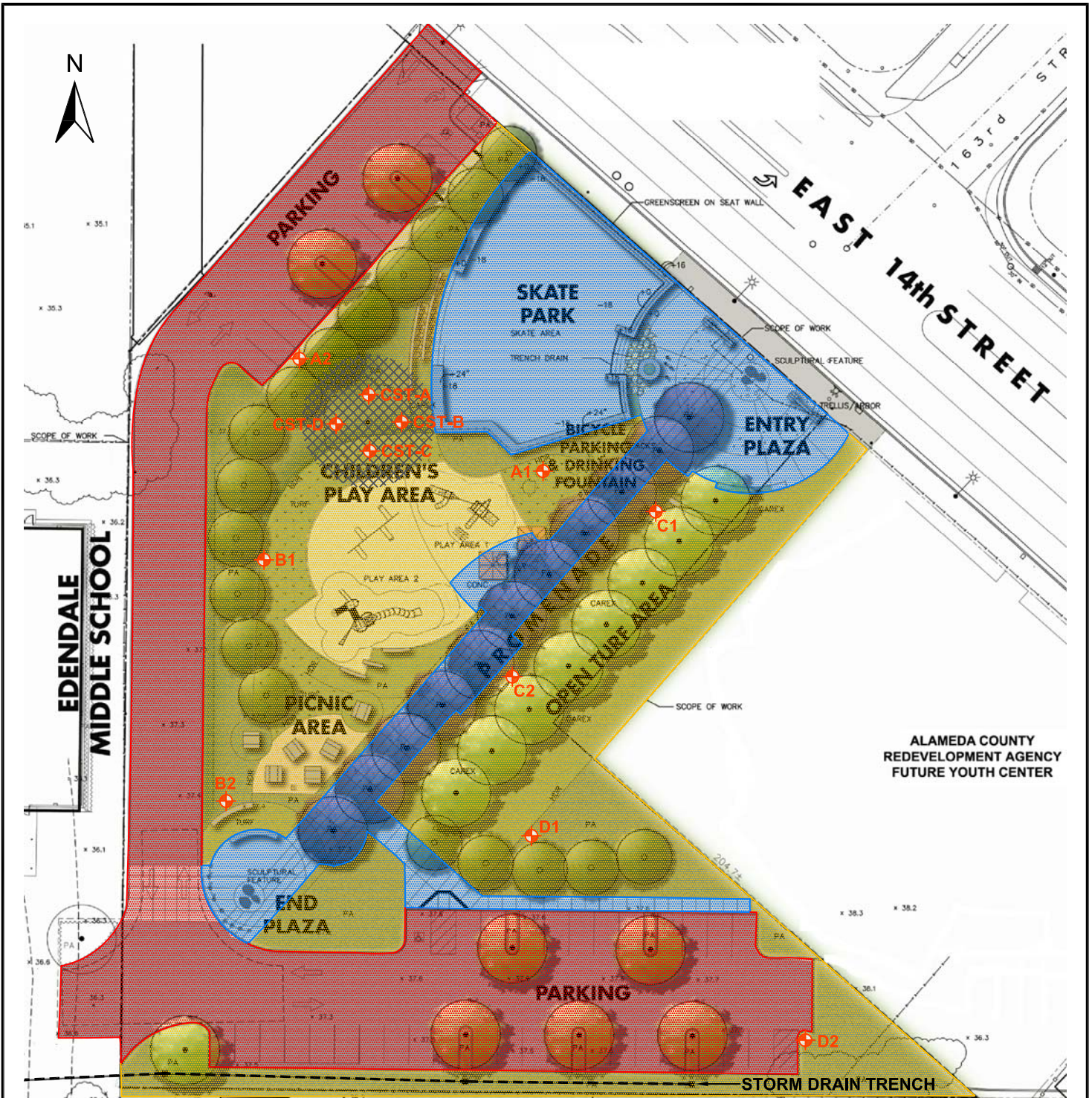
FORMER UST CONTENTS

- T1- gasoline
- T2- gasoline
- T3- gasoline
- T4- stoddard solvent
- T5- kerosene
- T6- kerosene
- T7- diesel
- T8- diesel



REFERENCE: VIRGIL CHAVEZ LAND SURVEYING 2008, ENVIRONMENTAL BIO-SYSTEM, INC 2003.

Ninyo & Moore		PREVIOUS SAMPLE LOCATIONS	FIGURE 2
PROJECT NO. 401314006	DATE 3/11		



REFERENCE: SITE PLAN PROVIDED BY AEDIS ARCHITECTURE & PLANNING, COVER SHEET, NOVEMBER 2009.

LEGEND	
D1	SOIL SAMPLE LOCATIONS
	CONCRETE COVER, 8 INCHES OF AGGREGATE BASE
	ASPHALT COVER, 12 INCHES OF AGGREGATE BASE
	*GRASS & LANDSCAPE COVER OVER 10 & 9 INCHES OF CLEAN SOIL
	NO RE-EXCAVATION IN TREE & DRIP LINE AREA
*	AREA OF RE-EXCAVATION

NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore		SURFACE CAP AND SOIL SAMPLE LOCATIONS	FIGURE 3
PROJECT NO. 401314006	DATE 3/11		

APPENDIX A
PARK REDEVELOPMENT PLAN AND ACDEH
CORRESPONDENCE LETTER



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 5, 2010

Ms. Ann Marie Holland Tiers
Estate of Jack Holland
1498 Hamrick Lane
Hayward, CA 94544

Ms. Barbara Holland
P.O. Box 5
Kentfield, CA 94914

Mr. Lawrence Lepore (*Sent via E-mail to: lepl@haywardrec.org*)
Hayward Area Recreation and Park District
1099 E Street
Hayward, CA 94541

Subject: Fuel Leak Case No. RO0000212 and Geotracker Global ID T0600100709, Holland Oil, 16301 East 14th Street, San Leandro, CA 94580 – Soil Management Plan

Dear Ms. Tiers, Ms. Holland, and Mr. Lepore:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site including the recently submitted documents entitled, "*Soil Management Plan Implementation, HARD-RDA Holland Park Property, 16301 East 14th Street, San Leandro, California,*" dated February 5, 2010 (SMP) and received by ACEH on March 22, 2010.

The SMP proposes actions to monitor the excavation and grading activities prior to and during planned park construction in order to evaluate and manage known conditions and unknown environmental features that might be encountered during site excavation, grading, and development. Soils containing petroleum hydrocarbons and polychlorinated biphenyls (PCBs) were encountered in shallow soils during remedial excavation throughout a portion of the site. There is a high likelihood that contaminated soils will be encountered during excavation and grading for the planned park. Due to the residual soil contamination that remains in place at the site, the soils that were exposed during remedial excavation must be covered by a continuous hard surface such as concrete or asphalt or a minimum of one foot of clean fill or landscaped materials. The surface cap is part of the site remedy and emplacement of the surface cap must be verified and documented as discussed in the technical comments below.

The SMP is generally acceptable for implementation provided that the technical comments below are incorporated. We request that you address the technical comments below, perform the proposed work, and submit the documents requested below.

TECHNICAL COMMENTS

- 1. Verification and Documentation of Fill Thickness and Surface Cover and Oversight during Excavation and Grading.** As part of park construction, the soils that were exposed during excavation must be covered by a continuous hard surface such as concrete or asphalt or a minimum of one foot of clean fill or landscaped materials. A SMP field coordinator who is a California Professional Geologist or Engineer or is under the direct supervision of a California Professional Geologist or Engineer must be on-site during excavation and grading activities to conduct the actions outlined in the SMP. These activities include but are not limited to management of contaminated soils

Ms. Ann Marie Holland Tiers
Ms. Barbara Holland
Mr. Lawrence Lepore
RO0000212
April 5, 2010
Page 2

that will be encountered during excavation and grading, monitoring of conditions in areas of known impact, observation and reporting of unknown environmental features and conditions, visual monitoring for dust and vapor hazards during construction, soil sampling if and when needed, and recording and mapping of surface cover emplacement. Based on the observations and recording conducted by the SMP field coordinator, we request that you submit an Excavation, Grading, and Surface Cap Construction Report that documents the surface cover emplaced during grading and construction activities for the park. The documentation is to include a map showing the areas of hard cover and the thickness of clean fill emplaced over the soil that was exposed during remedial excavation. Please provide 5-days advance notification to ACEH (e-mail preferred to jerry.wickham@acgov.org) prior to the start of excavation activities in order to schedule site inspection.

2. **Deed Restriction.** As previously noted, a deed restriction is required to prevent exposure during future activities that may disturb the protective surface cap and for long-term management of residual contamination at the site. We note that a deed restriction was to be included as an appendix to the SCM but was not ready for submittal with the SMP. Please submit a deed restriction to ACEH for review. ACEH approval and signing of the deed restriction will be required prior to consideration of case closure.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **September 23, 2010** – Excavation, Grading, and Surface Cap Construction Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same

Ms. Ann Marie Holland Tiers
Ms. Barbara Holland
Mr. Lawrence Lepore
RO0000212
April 5, 2010
Page 3

reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Ms. Ann Marie Holland Tiers
Ms. Barbara Holland
Mr. Lawrence Lepore
RO0000212
April 5, 2010
Page 4

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Markus Niebanck, Amicus, 580 Second Street, Suite 260, Oakland, CA 94607 (*Sent via E-mail to:*
markus@amicusenv.com)

Kris Larson, Ninyo & Moore, 1956 Webster Street, Suite 400, Oakland, CA 94612 (*Sent via E-mail*
to: klarson@ninyoandmoore.com)

Judy Reid, State Water Resources Control Board, Division of Financial Assistance, P.O. Box 944212
Sacramento, CA 94244-2120 (*Sent via E-mail to:* JREID@waterboards.ca.gov)

Donna Drogos, ACEH (*Sent via E-mail to:* donna.drogos@acgov.org)
Jerry Wickham, ACEH

Geotracker, File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
 - Or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

APPENDIX B
SITE PHOTOGRAPHS



Photograph No. 1:

View of re-excavation of cells A1 and A2, facing southwest



Photograph No. 2:

View of rock placement within re-excavation, facing southwest



Photograph No. 3:

View of soil backfill within re-excitation, facing southeast



Photograph No. 4:

View of compacted roadway subgrade, facing south



Photograph No. 5:

View of concrete pour of main walkway in middle of site, facing northeast



Photograph No. 6:

View of asphalt roadway construction and subgrade, facing north



Photograph No. 7:

View of soil subgrade and drainage swale area within western portion of site, facing south



Photograph No. 8:

View of soil subgrade, organic soil amendment stockpile, and graded soil stockpile within southeastern portion of site, facing west



Photograph No. 9:

View of soil subgrade between play area and skate-park, facing west



Photograph No. 10:

View of soil subgrade after re-excitation near southwestern corner of site, facing northwest



Photograph No. 11:

View of soil subgrade after re-excitation between play area and skate-park, facing west



Photograph No. 12:

View of soil subgrade after re-excitation between play area and driveway on western boundary of site, facing south



Photograph No. 13:

View of soil subgrade after re-excitation east of central concrete walkway, facing southwest



Photograph No. 14:

View of soil subgrade after re-excitation east of central concrete walkway, facing north



Photograph No. 15:

View of soil subgrade after re-excitation of island within parking area in southern portion of site, facing north



Photograph No. 16:

View of soil subgrade after re-excitation near southeastern portion of site, facing west



Photograph No. 17:

View of backfilling activities near the southwestern corner of the site, facing west



Photograph No. 18:

View of backfilling activities east of the central concrete walkway, facing northwest



Photograph No. 19:

**View of backfilling activities east of the central concrete walkway,
facing southwest**



Photograph No. 20:

**View of backfilling activities near the southern boundary of the site,
facing west**



Photograph No. 21:

View of backfilling between the play area and the driveway on the western boundary of the site, facing north



Photograph No. 22:

View of southeastern portion of site after the addition of compost material, facing east



Photograph No. 23:

View of western portion of site after the addition of compost material, facing north

APPENDIX C
LABORATORY ANALYTICAL REPORTS

October 01, 2010



Kris Larson
Ninyo & Moore
1956 Webster Street, Suite 400
Oakland, CA 94612
TEL: (510) 633-5640
FAX: (510) 633-5646

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196

Workorder No.: 113950

RE: HARD, 401314006

Attention: Kris Larson

Enclosed are the results for sample(s) received on September 28, 2010 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "E. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



CLIENT: Ninyo & Moore
Project: HARD, 401314006
Lab Order: 113950

CASE NARRATIVE

Analytical Comments for EPA 8015B(M)

Samples 113950-009A and 113950-012A, surrogate diluted out.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-Oct-10

CLIENT: Ninyo & Moore
Lab Order: 113950
Project: HARD, 401314006
Lab ID: 113950-009A

Client Sample ID: Composite A
Collection Date: 9/27/2010
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID: GC16_100928E	QC Batch: 67125				PrepDate: 9/28/2010	Analyst: CBR
DRO	150	10		mg/Kg	10	9/29/2010 04:39 AM
ORO	530	10		mg/Kg	10	9/29/2010 04:39 AM
Surr: p-Terphenyl	0	30-128	SDO	%REC	10	9/29/2010 04:39 AM

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_100929A	QC Batch: 67153				PrepDate: 9/29/2010	Analyst: HL
Aroclor 1016	ND	16		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1221	ND	33		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1232	ND	16		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1242	260	16		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1248	ND	16		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1254	ND	16		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1260	27	16		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1262	ND	16		µg/Kg	1	9/30/2010 11:10 AM
Aroclor 1268	ND	16		µg/Kg	1	9/30/2010 11:10 AM
Surr: Decachlorobiphenyl	53.7	36-124		%REC	1	9/30/2010 11:10 AM
Surr: Tetrachloro-m-xylene	62.7	35-141		%REC	1	9/30/2010 11:10 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-Oct-10

CLIENT: Ninyo & Moore
Lab Order: 113950
Project: HARD, 401314006
Lab ID: 113950-010A

Client Sample ID: Composite B
Collection Date: 9/27/2010
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID: GC16_100928E	QC Batch: 67125				PrepDate: 9/28/2010	Analyst: CBR
DRO	170	10		mg/Kg	10	9/29/2010 04:59 AM
ORO	610	10		mg/Kg	10	9/29/2010 04:59 AM
Surr: p-Terphenyl	0	30-128	SDO	%REC	10	9/29/2010 04:59 AM

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_100929A	QC Batch: 67153				PrepDate: 9/29/2010	Analyst: HL
Aroclor 1016	ND	16		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1221	ND	33		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1232	ND	16		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1242	ND	16		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1248	ND	16		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1254	ND	16		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1260	45	16		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1262	ND	16		µg/Kg	1	9/30/2010 11:40 AM
Aroclor 1268	ND	16		µg/Kg	1	9/30/2010 11:40 AM
Surr: Decachlorobiphenyl	43.8	36-124		%REC	1	9/30/2010 11:40 AM
Surr: Tetrachloro-m-xylene	53.1	35-141		%REC	1	9/30/2010 11:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-Oct-10

CLIENT: Ninyo & Moore
Lab Order: 113950
Project: HARD, 401314006
Lab ID: 113950-011A

Client Sample ID: Composite C
Collection Date: 9/27/2010
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID: GC16_100928E	QC Batch: 67125				PrepDate: 9/28/2010	Analyst: CBR
DRO	41	1.0		mg/Kg	1	9/29/2010 04:29 AM
ORO	110	1.0		mg/Kg	1	9/29/2010 04:29 AM
Surr: p-Terphenyl	109	30-128		%REC	1	9/29/2010 04:29 AM

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_100929A	QC Batch: 67153				PrepDate: 9/29/2010	Analyst: HL
Aroclor 1016	ND	16		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1221	ND	33		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1232	ND	16		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1242	ND	16		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1248	ND	16		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1254	ND	16		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1260	19	16		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1262	ND	16		µg/Kg	1	9/30/2010 12:10 PM
Aroclor 1268	ND	16		µg/Kg	1	9/30/2010 12:10 PM
Surr: Decachlorobiphenyl	50.0	36-124		%REC	1	9/30/2010 12:10 PM
Surr: Tetrachloro-m-xylene	62.9	35-141		%REC	1	9/30/2010 12:10 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 01-Oct-10

CLIENT: Ninyo & Moore
Lab Order: 113950
Project: HARD, 401314006
Lab ID: 113950-012A

Client Sample ID: Composite D
Collection Date: 9/27/2010
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID: GC16_100928E	QC Batch: 67125				PrepDate: 9/28/2010	Analyst: CBR
DRO	140	10		mg/Kg	10	9/29/2010 04:49 AM
ORO	450	10		mg/Kg	10	9/29/2010 04:49 AM
Surr: p-Terphenyl	0	30-128	SDO	%REC	10	9/29/2010 04:49 AM

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID: GC5_100929A	QC Batch: 67153				PrepDate: 9/29/2010	Analyst: HL
Aroclor 1016	ND	16		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1221	ND	33		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1232	ND	16		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1242	ND	16		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1248	ND	16		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1254	ND	16		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1260	68	16		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1262	ND	16		µg/Kg	1	9/30/2010 12:39 PM
Aroclor 1268	ND	16		µg/Kg	1	9/30/2010 12:39 PM
Surr: Decachlorobiphenyl	56.3	36-124		%REC	1	9/30/2010 12:39 PM
Surr: Tetrachloro-m-xylene	67.7	35-141		%REC	1	9/30/2010 12:39 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 113950
Project: HARD, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: MB-67125	SampType: MBLK	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 9/28/2010	RunNo: 125397						
Client ID: PBS	Batch ID: 67125	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 9/29/2010	SeqNo: 2017889						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	ND	1.0									
ORO	ND	1.0									
Surr: p-Terphenyl	2.282		2.670		85.5	30	128				

Sample ID: LCS-67125	SampType: LCS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 9/28/2010	RunNo: 125397						
Client ID: LCSS	Batch ID: 67125	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 9/29/2010	SeqNo: 2017890						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	33.822	1.0	33.00	0	102	35	118				
Surr: p-Terphenyl	2.250		2.670		84.3	30	128				

Sample ID: 113923-001AMS	SampType: MS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 9/28/2010	RunNo: 125397						
Client ID: ZZZZZ	Batch ID: 67125	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 9/29/2010	SeqNo: 2017891						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	22.492	1.0	33.00	0	68.2	25	129				
Surr: p-Terphenyl	1.800		2.670		67.4	30	128				

Sample ID: 113923-001AMSD	SampType: MSD	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 9/28/2010	RunNo: 125397						
Client ID: ZZZZZ	Batch ID: 67125	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 9/29/2010	SeqNo: 2017892						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	20.625	1.0	33.00	0	62.5	25	129	22.49	8.66	20	
Surr: p-Terphenyl	1.773		2.670		66.4	30	128		0	0	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
 Work Order: 113950
 Project: HARD, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: MB-67153	SampType: MBLK	TestCode: 8082_S	Units: µg/Kg	Prep Date: 9/29/2010	RunNo: 125395						
Client ID: PBS	Batch ID: 67153	TestNo: EPA 8082	EPA 3550B	Analysis Date: 9/29/2010	SeqNo: 2017873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	14.261		16.67		85.5	36	124				
Surr: Tetrachloro-m-xylene	16.222		16.67		97.3	35	141				

Sample ID: LCSA-67153	SampType: LCS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 9/29/2010	RunNo: 125395						
Client ID: LCSS	Batch ID: 67153	TestNo: EPA 8082	EPA 3550B	Analysis Date: 9/29/2010	SeqNo: 2017874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	106.160	16	166.7	0	63.7	56	100				
Aroclor 1260	115.334	16	166.7	0	69.2	57	110				
Surr: Decachlorobiphenyl	10.585		16.67		63.5	36	124				
Surr: Tetrachloro-m-xylene	10.129		16.67		60.8	35	141				

Sample ID: 113939-004AMSA	SampType: MS	TestCode: 8082_S	Units: µg/Kg-dry	Prep Date: 9/29/2010	RunNo: 125395						
Client ID: ZZZZZ	Batch ID: 67153	TestNo: EPA 8082	EPA 3550B	Analysis Date: 9/29/2010	SeqNo: 2017875						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	327.544	37	369.9	0	88.6	51	108				
Aroclor 1260	320.081	37	369.9	18.80	81.5	53	120				
Surr: Decachlorobiphenyl	26.002		37.00		70.3	36	124				
Surr: Tetrachloro-m-xylene	30.498		37.00		82.4	35	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 113950
Project: HARD, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: 113939-004AMSDA	SampType: MSD	TestCode: 8082_S	Units: µg/Kg-dry	Prep Date: 9/29/2010	RunNo: 125395						
Client ID: ZZZZZZ	Batch ID: 67153	TestNo: EPA 8082	EPA 3550B	Analysis Date: 9/29/2010	SeqNo: 2017876						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	310.126	37	369.9	0	83.8	51	108	327.5	5.46	20	
Aroclor 1260	310.999	37	369.9	18.80	79.0	53	120	320.1	2.88	20	
Surr: Decachlorobiphenyl	25.632		37.00		69.3	36	124		0	20	
Surr: Tetrachloro-m-xylene	28.527		37.00		77.1	35	141		0	0	

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CHAIN OF CUSTODY RECORD



**Advanced Technology
Laboratories**

3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____	Method of Transport Client <input type="checkbox"/> ATL <input type="checkbox"/> CA OverN <input type="checkbox"/> FEDEX <input type="checkbox"/> Other: <u>GSO</u>	Sample Condition Upon Receipt 1. CHILLED ^{5.4} Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 4. SEALED Y <input type="checkbox"/> N <input type="checkbox"/> 2. HEADSPACE (VOA) Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 5. # OF SPLS MATCH COC Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 3. CONTAINER INTACT Y <input checked="" type="checkbox"/> N <input type="checkbox"/> 6. PRESERVED Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
Logged By: <u>[Signature]</u>	Date: <u>9/28/10</u>	

Client: <u>Mingo + Moore</u>	Address: <u>1956 Webster St. #400</u>	TEL: <u>(510) 633-5640</u>
Attn: <u>Kris Larson</u>	City: <u>Oakland</u> State: <u>CA</u> Zip Code: <u>94612</u>	FAX: _____

Project Name: <u>HARD</u>	Project #: <u>401314006</u>	Sampler: (Printed Name) <u>Nick Ray</u> (Signature) <u>[Signature]</u>
Relinquished by: (Signature and Printed Name) <u>[Signature] Nick Ray</u>	Date: <u>9/27/10</u>	Time: <u>2:21pm</u>
Relinquished by: (Signature and Printed Name) <u>[Signature] Jeff Siegfried</u>	Date: <u>9/27/10</u>	Time: <u>2:47pm</u>
Relinquished by: (Signature and Printed Name) <u>[Signature]</u>	Date: <u>9/28/10</u>	Time: <u>10:50</u>

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>Nick Ray</u> <u>9/27/10</u> Print Name Date <u>[Signature]</u> Signature	Send Report To: Attn: <u>S99</u> Co: _____ Address _____ City _____ State _____ Zip _____	Bill To: Attn: <u>S99</u> Co: _____ Address _____ City _____ State _____ Zip _____	Special Instructions/Comments: <u>please composite A1 + A2 to make B1 + B2 4 Comp samples C1 + C2 Q1 + Q2 Comp B...</u>
--	---	--	--

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
• Sample : \$2.00 / sample / mo (after 45 days)
• Records : \$1.00 / ATL workorder / mo (after 1 year)

ITEM	LAB USE ONLY:		Sample Description				SPECIFY APPROPRIATE MATRIX												PRESERVATION	REMARKS					
	Batch #:	Lab No.	Sample I.D. / Location	Date	Time	MATRIX												Container(s)							
						8091A (Pesticides)	8092 (PCB)	8280B (Volatiles)	8270C (BVA)	8010B (Total Metal)	8015B (GRO) / 8020 (BTEX)	8015B (DPO) / 8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	TAT			#	Type			
	113950-007		A1	9/27	1305	X					X			X						E	1	GJ	C	{Comp	
		2	A2		1309	X					X			X											{Comp
		3	B1		1314	X					X			X											{Comp
		4	B2		1318	X					X			X											{Comp
		5	C1		1322	X					X			X											{Comp
		6	C2		1327	X					X			X											{Comp
		7	O1		1330	X					X			X											{Comp
		8	O2		1335	X					X			X											{Comp

• TAT starts 8 a.m. following day if samples received after 3 p.m.	TAT: A= Overnight ≤ 24 hr	B= Emergency Next workday	C= Critical 2 Workdays	D= Urgent 3 Workdays	E= Routine 7 Workdays	Preservatives: H=HCl N=HNO ₃ S=H ₂ SO ₄ C=4°C Z=Zn(AC) ₂ O=NaOH T=Na ₂ S ₂ O ₃
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal						

Rachelle Arada

From: Nicholas Roy [nroy@ninyoandmoore.com]
Sent: Thursday, September 30, 2010 10:55 AM
To: Rachelle Arada
Subject: Samples received on Tuesday 9/28 - HARD project 401314006

Hello Rachelle

Please go ahead and stop the pesticides analyses for these samples if possible. I realize you may have started these analyses so let me know if there will be partial/full billing. In place of the pesticides analyses we'll need PCB analyses completed on the same 4 samples. Each of the samples will consist of a 2-point composite. Please let me know the status when you get a chance today.

Thanks

Nicholas S. Roy
Senior Staff Environmental Scientist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 633-5640 (x5230)
nroy@ninyoandmoore.com

Experience · Quality · Commitment

Rachelle Arada

From: Nicholas Roy [nroy@ninyoandmoore.com]
Sent: Friday, October 01, 2010 9:19 AM
To: Rachelle Arada; Carmen Aguila
Cc: Bing Roura; Christine Caballero; Edric Caballero
Subject: RE: HARD soil samples for N&M Oakland

That is ok,

Thanks

Nicholas S. Roy
Senior Staff Environmental Scientist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 633-5640 (x5230)
nroy@ninyoandmoore.com

Experience · Quality · Commitment

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

From: Rachelle Arada [mailto:rachelle@atglobal.com]
Sent: Friday, October 01, 2010 8:38 AM
To: Nicholas Roy; Carmen Aguila
Cc: Bing Roura; Christine Caballero; Edric Caballero
Subject: RE: HARD soil samples for N&M Oakland

Hi Nick,

Yes, it is possible that the analyses will be completed today. Please be aware that there will be 25% rush surcharge.

Thanks,
Rachelle

From: Nicholas Roy [mailto:nroy@ninyoandmoore.com]
Sent: Friday, October 01, 2010 8:32 AM
To: Rachelle Arada; Carmen Aguila
Subject: HARD soil samples for N&M Oakland

Hello Rachelle and Carmen,

Per my voicemail to Rachelle this morning, please let me know if the soil samples for the HARD project (sampled on 9/27) could possibly be completed today. These are the samples that we switched the requested analyses from pesticides to PCBs (in addition to TPH d and mo). Thank you.

Nicholas S. Roy
Senior Staff Environmental Scientist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 633-5640 (x5230)
nroy@ninyoandmoore.com

Experience · Quality · Commitment



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 223169
ANALYTICAL REPORT

Ninyo & Moore
1956 Webster St.
Oakland, CA 94612

Project : STANDARD
Location : Holland PK
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
CST-A	223169-001
CST-B	223169-002
CST-C	223169-003
CST-D	223169-004
CST-ABCD	223169-005

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: *Deviné N. Tetrault*
Project Manager

Date: 10/18/2010

NELAP # 01107CA

CASE NARRATIVE

Laboratory number: 223169
Client: Ninyo & Moore
Location: Holland PK
Request Date: 10/13/10
Samples Received: 10/13/10

This data package contains sample and QC results for one four-point soil composite, requested for the above referenced project on 10/13/10. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015B):

CST-ABCD (lab # 223169-005) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Matrix spikes QC564211, QC564212 (batch 167930) were not reported because the parent sample required a dilution that would have diluted out the spikes. No other analytical problems were encountered.

CHAIN OF CUSTODY

ct Curtis & Tompkins Laboratories
ENVIRONMENTAL ANALYTICAL TESTING LABORATORY
 In Business Since 1878

2323 Fifth Street
 Berkeley, CA 94710

Phone (510) 486-0900
 Fax (510) 486-0532

C&T LOGIN # 223169

Project No: _____ Sampler: Kris Larson
 Project Name: Holland P/L Report To: K 11
 Project P. O. No: _____ Company: Ninyo & Moore
 EDD Format: Report Level II III IV Telephone: 510-633-5840
 Turnaround Time: RUSH 24hr Standard Email: KLarson@ninyoandmoore.com

ANALYTICAL REQUEST											

TPHD
PCBs

Composite

Lab No.	Sample ID.	SAMPLING		MATRIX			# of Containers	CHEMICAL PRESERVATIVE							
		Date Collected	Time Collected	Water	Solid			HCl	H2SO4	HNO3	NaOH	None			
1	CST-A	10/13	8:20		X		1								
2	CST-B	10/13	8:20		X		1								
3	CST-C		7:50		X		1								
4	CST-D	↓	7:30		X		1								

Notes:
 Composite
 All Samples

SAMPLE RECEIPT
 Intact
 Cold
 On Ice
 Ambient

RELINQUISHED BY:
[Signature]
 DATE: 10/13 TIME: 8:45
 DATE: _____ TIME: _____
 DATE: _____ TIME: _____

RECEIVED BY:
Daniel Titus DATE: 10/13 TIME: 8:45
 DATE: _____ TIME: _____
 DATE: _____ TIME: _____

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 223169 Date Received 10-13-10 Number of coolers 1
Client NINO + MORE Project HOLLAND PK

Date Opened 10-13-10 By (print) S. EVANS (sign)
Date Logged in J By (print) J (sign)

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)
Bubble Wrap Foam blocks Bags None
Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation:
Type of ice used: Wet Blue/Gel None Temp(C)
Samples Received on ice & cold without a temperature blank

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO
If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are samples in the appropriate containers for indicated tests? YES NO

11. Are sample labels present, in good condition and complete? YES NO

12. Do the sample labels agree with custody papers? YES NO

13. Was sufficient amount of sample sent for tests requested? YES NO

14. Are the samples appropriately preserved? YES NO N/A

15. Are bubbles > 6mm absent in VOA samples? YES NO N/A

16. Was the client contacted concerning this sample delivery? YES NO
If YES, Who was called? By Date:

COMMENTS

Total Extractable Hydrocarbons			
Lab #:	223169	Location:	Holland PK
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	CST-ABCD	Sampled:	10/13/10
Matrix:	Soil	Received:	10/13/10
Units:	mg/Kg	Prepared:	10/13/10
Basis:	as received	Analyzed:	10/14/10
Batch#:	167942		

Type: SAMPLE Diln Fac: 5.000
 Lab ID: 223169-005

Analyte	Result	RL
Diesel C10-C24	130 Y	5.0

Surrogate	%REC	Limits
o-Terphenyl	95	45-130

Type: BLANK Diln Fac: 1.000
 Lab ID: QC564250

Analyte	Result	RL
Diesel C10-C24	ND	0.99

Surrogate	%REC	Limits
o-Terphenyl	90	45-130

Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	223169	Location:	Holland PK
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC564251	Batch#:	167942
Matrix:	Soil	Prepared:	10/13/10
Units:	mg/Kg	Analyzed:	10/14/10

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.57	42.03	85	45-143

Surrogate	%REC	Limits
o-Terphenyl	91	45-130

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	223169	Location:	Holland PK
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	167942
MSS Lab ID:	223166-006	Sampled:	10/10/10
Matrix:	Soil	Received:	10/13/10
Units:	mg/Kg	Prepared:	10/13/10
Basis:	as received	Analyzed:	10/15/10
Diln Fac:	1.000		

Type: MS Lab ID: QC564252

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	1.251	50.46	52.99	103	32-142

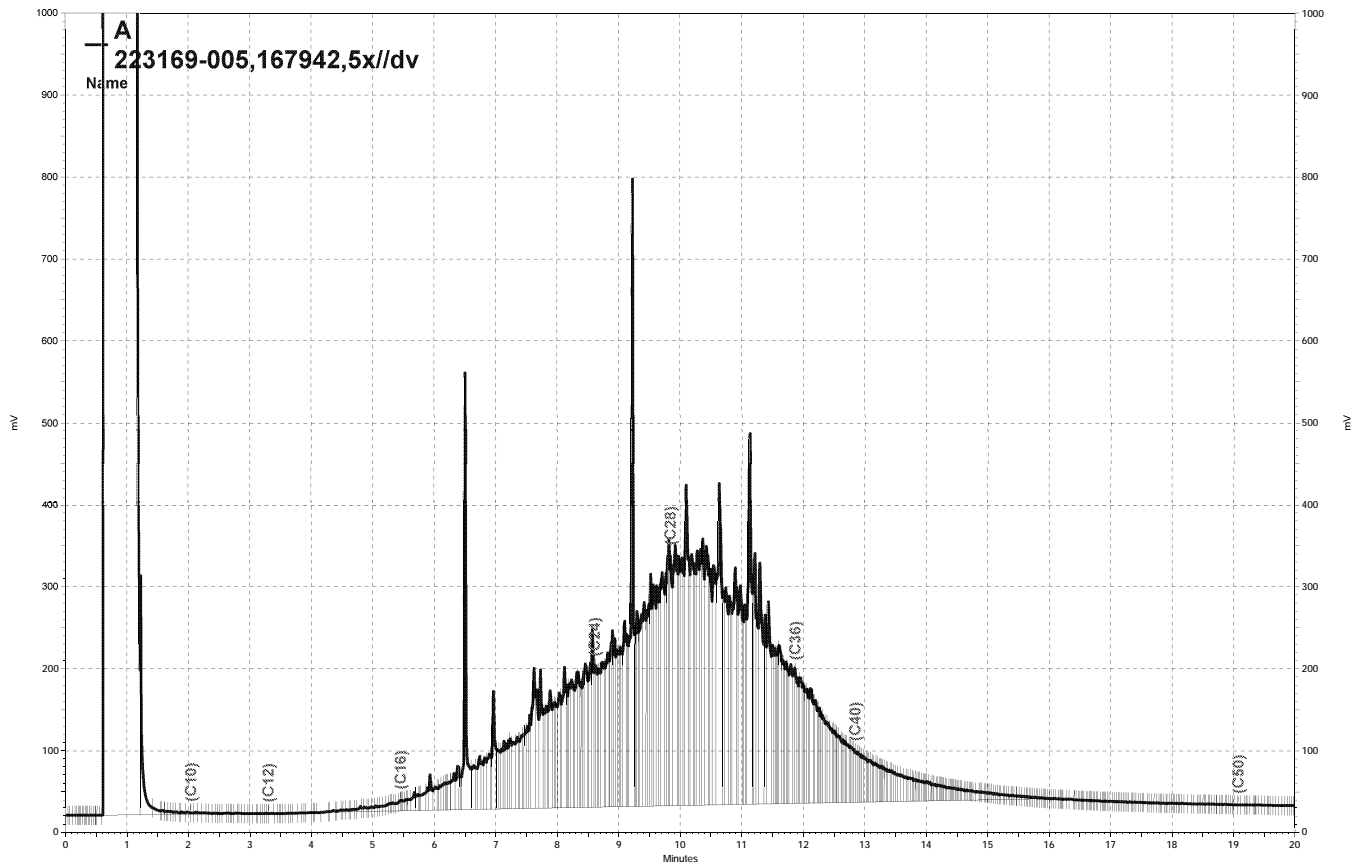
Surrogate	%REC	Limits
o-Terphenyl	88	45-130

Type: MSD Lab ID: QC564253

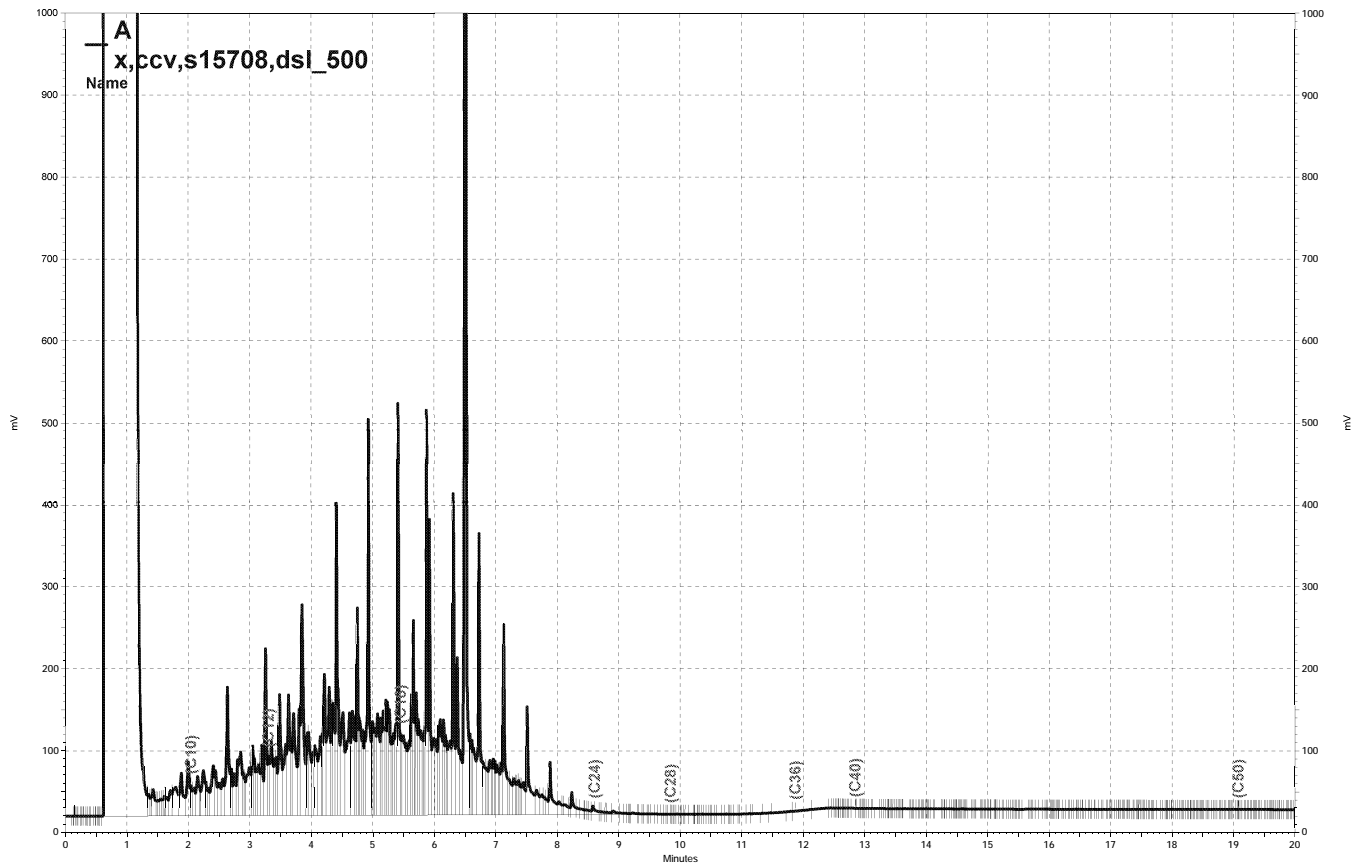
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.95	44.53	87	32-142	16	55

Surrogate	%REC	Limits
o-Terphenyl	76	45-130

RPD= Relative Percent Difference



— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\286a030, A



— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\286a022, A

Polychlorinated Biphenyls (PCBs)			
Lab #:	223169	Location:	Holland PK
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8082
Field ID:	CST-ABCD	Batch#:	167930
Matrix:	Soil	Sampled:	10/13/10
Units:	ug/Kg	Received:	10/13/10
Basis:	as received	Prepared:	10/13/10
Diln Fac:	1.000	Analyzed:	10/14/10

Type: SAMPLE Lab ID: 223169-005

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	68	12

Surrogate	%REC	Limits
TCMX	97	72-145
Decachlorobiphenyl	79	35-120

Type: BLANK Lab ID: QC564209

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
TCMX	98	72-145
Decachlorobiphenyl	115	35-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	223169	Location:	Holland PK
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC564210	Batch#:	167930
Matrix:	Soil	Prepared:	10/13/10
Units:	ug/Kg	Analyzed:	10/14/10

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	166.4	168.4	101	79-148
Aroclor-1260	166.4	169.9	102	77-152

Surrogate	%REC	Limits
TCMX	102	72-145
Decachlorobiphenyl	105	35-120

January 18, 2011



Nick Roy
Ninyo & Moore
1956 Webster Street, Suite 400
Oakland, CA 94612
TEL: (813) 215-3878
FAX: (510) 633-5646

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
Workorder No.: 115803

RE: Holland Park, 401314006

Attention: Nick Roy

Enclosed are the results for sample(s) received on January 14, 2011 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

A handwritten signature in black ink, appearing to read "Eddie F. Rodriguez".

Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



CLIENT: Ninyo & Moore
Project: Holland Park, 401314006
Lab Order: 115803

CASE NARRATIVE

Analytical Comments for EPA 8015B(M)

Samples 115803-001A and 115803-002A, dilution was necessary due to sample matrix.

Samples 115803-001A, 115803-001AMS, 115803-001AMSD and 115803-002A, surrogate recovery was diluted out.

Sample 115803-001AMSD, Matrix Spike (MS) and /or Matrix Spike Duplicate (MSD) are/is outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Sample 115803-001AMSD, RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for EPA 8081A

Sample 115739-057AMSD, Matrix Spike (MS) and /or Matrix Spike Duplicate (MSD) are/is outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Sample 115739-057AMSD, RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 18-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115803
Project: Holland Park, 401314006
Lab ID: 115803-001A

Client Sample ID: Import 1
Collection Date: 1/12/2011 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP10_110117F	QC Batch:	69750	PrepDate:	1/17/2011	Analyst:	JSD
Antimony	ND	2.0	mg/Kg	1	1/17/2011 05:48 PM		
Arsenic	5.0	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Barium	150	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Beryllium	ND	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Cadmium	ND	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Chromium	51	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Cobalt	9.5	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Copper	34	2.0	mg/Kg	1	1/17/2011 05:48 PM		
Lead	15	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Molybdenum	ND	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Nickel	54	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Selenium	ND	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Silver	ND	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Thallium	ND	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Vanadium	34	1.0	mg/Kg	1	1/17/2011 05:48 PM		
Zinc	48	1.0	mg/Kg	1	1/17/2011 05:48 PM		

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID:	GC16_110118C	QC Batch:	69825	PrepDate:	1/18/2011	Analyst:	CBR
DRO	59	40	mg/Kg	20	1/18/2011 02:07 PM		
ORO	240	40	mg/Kg	20	1/18/2011 02:07 PM		
Surr: p-Terphenyl	0	30-128	SDO %REC	20	1/18/2011 02:07 PM		

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110118A	QC Batch:	69797	PrepDate:	1/17/2011	Analyst:	HL
4,4'-DDD	ND	2.0	µg/Kg	1	1/18/2011 01:54 PM		
4,4'-DDE	18	2.0	µg/Kg	1	1/18/2011 01:54 PM		
4,4'-DDT	12	2.0	µg/Kg	1	1/18/2011 01:54 PM		
Aldrin	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		
alpha-BHC	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		
alpha-Chlordane	2.3	1.0	µg/Kg	1	1/18/2011 01:54 PM		
beta-BHC	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		
Chlordane	34	8.5	µg/Kg	1	1/18/2011 01:54 PM		
delta-BHC	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 18-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115803
Project: Holland Park, 401314006
Lab ID: 115803-001A

Client Sample ID: Import 1
Collection Date: 1/12/2011 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110118A	QC Batch:	69797	PrepDate:	1/17/2011	Analyst:	HL
Dieldrin	ND	2.0	µg/Kg	1	1/18/2011 01:54 PM		
Endosulfan I	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		
Endosulfan II	ND	2.0	µg/Kg	1	1/18/2011 01:54 PM		
Endosulfan sulfate	ND	2.0	µg/Kg	1	1/18/2011 01:54 PM		
Endrin	ND	2.0	µg/Kg	1	1/18/2011 01:54 PM		
Endrin aldehyde	ND	2.0	µg/Kg	1	1/18/2011 01:54 PM		
Endrin ketone	ND	2.0	µg/Kg	1	1/18/2011 01:54 PM		
gamma-BHC	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		
gamma-Chlordane	3.0	1.0	µg/Kg	1	1/18/2011 01:54 PM		
Heptachlor	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		
Heptachlor epoxide	ND	1.0	µg/Kg	1	1/18/2011 01:54 PM		
Methoxychlor	ND	5.0	µg/Kg	1	1/18/2011 01:54 PM		
Toxaphene	ND	50	µg/Kg	1	1/18/2011 01:54 PM		
Surr: Decachlorobiphenyl	77.2	21-132	%REC	1	1/18/2011 01:54 PM		
Surr: Tetrachloro-m-xylene	66.3	22-110	%REC	1	1/18/2011 01:54 PM		

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID:	GC5_110117A	QC Batch:	69797	PrepDate:	1/17/2011	Analyst:	HL
Aroclor 1016	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1221	ND	33	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1232	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1242	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1248	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1254	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1260	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1262	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Aroclor 1268	ND	16	µg/Kg	1	1/18/2011 06:19 AM		
Surr: Decachlorobiphenyl	59.6	36-124	%REC	1	1/18/2011 06:19 AM		
Surr: Tetrachloro-m-xylene	80.1	35-141	%REC	1	1/18/2011 06:19 AM		

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID:	AA1_110117B	QC Batch:	69756	PrepDate:	1/14/2011	Analyst:	VV
Mercury	ND	0.10	mg/Kg	1	1/17/2011 03:24 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 18-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115803
Project: Holland Park, 401314006
Lab ID: 115803-002A

Client Sample ID: Import 2
Collection Date: 1/12/2011 2:05:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP10_110117F	QC Batch:	69750	PrepDate:	1/17/2011	Analyst:	JSD
Antimony	ND	2.0	mg/Kg	1	1/17/2011 05:53 PM		
Arsenic	4.8	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Barium	130	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Beryllium	ND	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Cadmium	ND	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Chromium	34	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Cobalt	8.7	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Copper	31	2.0	mg/Kg	1	1/17/2011 05:53 PM		
Lead	13	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Molybdenum	ND	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Nickel	43	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Selenium	ND	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Silver	ND	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Thallium	ND	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Vanadium	33	1.0	mg/Kg	1	1/17/2011 05:53 PM		
Zinc	46	1.0	mg/Kg	1	1/17/2011 05:53 PM		

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID:	GC16_110118C	QC Batch:	69825	PrepDate:	1/18/2011	Analyst:	CBR
DRO	59	40	mg/Kg	20	1/18/2011 02:17 PM		
ORO	270	40	mg/Kg	20	1/18/2011 02:17 PM		
Surr: p-Terphenyl	0	30-128	SDO %REC	20	1/18/2011 02:17 PM		

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110118A	QC Batch:	69797	PrepDate:	1/17/2011	Analyst:	HL
4,4'-DDD	ND	2.0	µg/Kg	1	1/18/2011 02:22 PM		
4,4'-DDE	18	2.0	µg/Kg	1	1/18/2011 02:22 PM		
4,4'-DDT	13	2.0	µg/Kg	1	1/18/2011 02:22 PM		
Aldrin	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		
alpha-BHC	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		
alpha-Chlordane	2.2	1.0	µg/Kg	1	1/18/2011 02:22 PM		
beta-BHC	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		
Chlordane	31	8.5	µg/Kg	1	1/18/2011 02:22 PM		
delta-BHC	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 18-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115803
Project: Holland Park, 401314006
Lab ID: 115803-002A

Client Sample ID: Import 2
Collection Date: 1/12/2011 2:05:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110118A	QC Batch:	69797	PrepDate:	1/17/2011	Analyst:	HL
Dieldrin	ND	2.0	µg/Kg	1	1/18/2011 02:22 PM		
Endosulfan I	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		
Endosulfan II	ND	2.0	µg/Kg	1	1/18/2011 02:22 PM		
Endosulfan sulfate	ND	2.0	µg/Kg	1	1/18/2011 02:22 PM		
Endrin	ND	2.0	µg/Kg	1	1/18/2011 02:22 PM		
Endrin aldehyde	ND	2.0	µg/Kg	1	1/18/2011 02:22 PM		
Endrin ketone	ND	2.0	µg/Kg	1	1/18/2011 02:22 PM		
gamma-BHC	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		
gamma-Chlordane	2.7	1.0	µg/Kg	1	1/18/2011 02:22 PM		
Heptachlor	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		
Heptachlor epoxide	ND	1.0	µg/Kg	1	1/18/2011 02:22 PM		
Methoxychlor	ND	5.0	µg/Kg	1	1/18/2011 02:22 PM		
Toxaphene	ND	50	µg/Kg	1	1/18/2011 02:22 PM		
Surr: Decachlorobiphenyl	70.5	21-132	%REC	1	1/18/2011 02:22 PM		
Surr: Tetrachloro-m-xylene	55.7	22-110	%REC	1	1/18/2011 02:22 PM		

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID:	GC5_110117A	QC Batch:	69797	PrepDate:	1/17/2011	Analyst:	HL
Aroclor 1016	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1221	ND	33	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1232	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1242	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1248	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1254	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1260	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1262	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Aroclor 1268	ND	16	µg/Kg	1	1/18/2011 06:49 AM		
Surr: Decachlorobiphenyl	59.0	36-124	%REC	1	1/18/2011 06:49 AM		
Surr: Tetrachloro-m-xylene	82.7	35-141	%REC	1	1/18/2011 06:49 AM		

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID:	AA1_110117B	QC Batch:	69756	PrepDate:	1/14/2011	Analyst:	VV
Mercury	ND	0.10	mg/Kg	1	1/17/2011 03:26 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

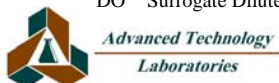
TestCode: 6010_S

Sample ID: MB-69750	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/17/2011	RunNo: 128895						
Client ID: PBS	Batch ID: 69750	TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/17/2011	SeqNo: 2089150						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.107	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	0.022	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	0.479	2.0									
Lead	0.130	1.0									
Molybdenum	0.100	1.0									
Nickel	0.064	1.0									
Selenium	ND	1.0									
Silver	0.064	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	0.355	1.0									

Sample ID: LCS-69750	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/17/2011	RunNo: 128895						
Client ID: LCSS	Batch ID: 69750	TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/17/2011	SeqNo: 2089151						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	44.829	2.0	50.00	1.107	87.4	80	120				
Arsenic	44.767	1.0	50.00	0	89.5	80	120				
Barium	47.598	1.0	50.00	0	95.2	80	120				
Beryllium	47.114	1.0	50.00	0	94.2	80	120				
Cadmium	44.576	1.0	50.00	0.02159	89.1	80	120				
Chromium	44.563	1.0	50.00	0	89.1	80	120				
Cobalt	46.188	1.0	50.00	0	92.4	80	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

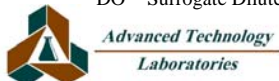
TestCode: 6010_S

Sample ID: LCS-69750	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/17/2011	RunNo: 128895						
Client ID: LCSS	Batch ID: 69750	TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/17/2011	SeqNo: 2089151						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	46.655	2.0	50.00	0.4793	92.4	80	120				
Lead	46.759	1.0	50.00	0.1304	93.3	80	120				
Molybdenum	49.012	1.0	50.00	0.09997	97.8	80	120				
Nickel	45.334	1.0	50.00	0.06395	90.5	80	120				
Selenium	43.002	1.0	50.00	0	86.0	80	120				
Silver	46.321	1.0	50.00	0.06430	92.5	80	120				
Thallium	44.176	1.0	50.00	0	88.4	80	120				
Vanadium	47.673	1.0	50.00	0	95.3	80	120				
Zinc	44.338	1.0	50.00	0.3546	88.0	80	120				

Sample ID: 115792-016A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/17/2011	RunNo: 128895						
Client ID: ZZZZZZ	Batch ID: 69750	TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/17/2011	SeqNo: 2089156						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	76.841	2.0	125.0	0	61.5	32	105				
Arsenic	94.414	1.0	125.0	4.502	71.9	49	106				
Barium	191.768	1.0	125.0	93.94	78.3	31	133				
Beryllium	102.475	1.0	125.0	0.2248	81.8	56	106				
Cadmium	91.065	1.0	125.0	0.02447	72.8	51	103				
Chromium	148.953	1.0	125.0	49.57	79.5	45	114				
Cobalt	106.137	1.0	125.0	12.37	75.0	52	106				
Copper	130.385	2.0	125.0	29.30	80.9	54	125				
Lead	99.260	1.0	125.0	8.880	72.3	34	126				
Molybdenum	95.651	1.0	125.0	0	76.5	54	106				
Nickel	190.071	1.0	125.0	97.38	74.2	45	111				
Selenium	89.322	1.0	125.0	0	71.5	47	104				
Silver	99.799	1.0	125.0	0	79.8	56	112				
Thallium	89.025	1.0	125.0	0	71.2	46	101				
Vanadium	130.295	1.0	125.0	30.06	80.2	54	114				
Zinc	136.195	1.0	125.0	49.86	69.1	28	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

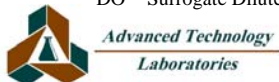
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 115792-016A-MSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 1/17/2011		RunNo: 128895	
Client ID: ZZZZZZ		Batch ID: 69750		TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/17/2011		SeqNo: 2089157			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	77.513	2.0	125.0	0	62.0	32	105	76.84	0.871	20	
Arsenic	94.745	1.0	125.0	4.502	72.2	49	106	94.41	0.350	20	
Barium	192.664	1.0	125.0	93.94	79.0	31	133	191.8	0.466	20	
Beryllium	100.669	1.0	125.0	0.2248	80.4	56	106	102.5	1.78	20	
Cadmium	91.327	1.0	125.0	0.02447	73.0	51	103	91.07	0.287	20	
Chromium	149.809	1.0	125.0	49.57	80.2	45	114	149.0	0.573	20	
Cobalt	107.076	1.0	125.0	12.37	75.8	52	106	106.1	0.880	20	
Copper	132.366	2.0	125.0	29.30	82.5	54	125	130.4	1.51	20	
Lead	100.651	1.0	125.0	8.880	73.4	34	126	99.26	1.39	20	
Molybdenum	95.605	1.0	125.0	0	76.5	54	106	95.65	0.0476	20	
Nickel	194.736	1.0	125.0	97.38	77.9	45	111	190.1	2.42	20	
Selenium	91.535	1.0	125.0	0	73.2	47	104	89.32	2.45	20	
Silver	99.968	1.0	125.0	0	80.0	56	112	99.80	0.169	20	
Thallium	89.880	1.0	125.0	0	71.9	46	101	89.03	0.956	20	
Vanadium	131.639	1.0	125.0	30.06	81.3	54	114	130.3	1.03	20	
Zinc	139.939	1.0	125.0	49.86	72.1	28	125	136.2	2.71	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-69756	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/14/2011	RunNo: 128873						
Client ID: PBS	Batch ID: 69756	TestNo: EPA 7471A		Analysis Date: 1/17/2011	SeqNo: 2088770						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

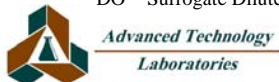
Sample ID: LCS-69756	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/14/2011	RunNo: 128873						
Client ID: LCSS	Batch ID: 69756	TestNo: EPA 7471A		Analysis Date: 1/17/2011	SeqNo: 2088771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.800	0.10	0.8300	0	96.4	80	120				

Sample ID: 115792-019A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/14/2011	RunNo: 128873						
Client ID: ZZZZZ	Batch ID: 69756	TestNo: EPA 7471A		Analysis Date: 1/17/2011	SeqNo: 2088772						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.930	0.10	0.8300	0.05716	105	70	130				

Sample ID: 115792-019A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/14/2011	RunNo: 128873						
Client ID: ZZZZZ	Batch ID: 69756	TestNo: EPA 7471A		Analysis Date: 1/17/2011	SeqNo: 2088773						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.926	0.10	0.8300	0.05716	105	70	130	0.9301	0.435	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: MB-69825	SampType: MBLK	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/18/2011	RunNo: 128926						
Client ID: PBS	Batch ID: 69825	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/18/2011	SeqNo: 2089711						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	ND	1.0									
ORO	ND	1.0									
Surr: p-Terphenyl	2.627		2.670		98.4	30	128				

Sample ID: LCS-69825	SampType: LCS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/18/2011	RunNo: 128926						
Client ID: LCSS	Batch ID: 69825	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/18/2011	SeqNo: 2089712						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	15.019	1.0	33.00	0	45.5	35	118				
Surr: p-Terphenyl	2.758		2.670		103	30	128				

Sample ID: 115803-001AMS	SampType: MS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/18/2011	RunNo: 128926						
Client ID: Import 1	Batch ID: 69825	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/18/2011	SeqNo: 2089715						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

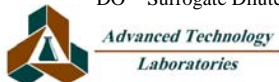
DRO	97.787	40	33.00	58.79	118	25	129				
Surr: p-Terphenyl	0		2.670		0	30	128				SDO

Sample ID: 115803-001AMSD	SampType: MSD	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/18/2011	RunNo: 128926						
Client ID: Import 1	Batch ID: 69825	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/18/2011	SeqNo: 2089716						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	66.640	40	33.00	58.79	23.8	25	129	97.79	37.9	20	SR
Surr: p-Terphenyl	0		2.670		0	30	128		0	0	SDO

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

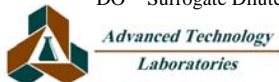
TestCode: 8081_S

Sample ID: MB-69797	SampType: MBLK	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128925						
Client ID: PBS	Batch ID: 69797	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089699						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	5.0									
Toxaphene	ND	50									
Surr: Tetrachloro-m-xylene	13.536		16.67		81.2	22	110				
Surr: Decachlorobiphenyl	11.072		16.67		66.4	21	132				

Sample ID: LCS-69797	SampType: LCS	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128925						
Client ID: LCSS	Batch ID: 69797	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089700						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	15.939	1.0	16.67	0	95.6	53	107				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

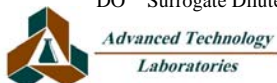
Sample ID: LCS-69797		SampType: LCS		TestCode: 8081_S		Units: µg/Kg		Prep Date: 1/17/2011		RunNo: 128925		
Client ID: LCSS		Batch ID: 69797		TestNo: EPA 8081A		EPA 3550B		Analysis Date: 1/18/2011		SeqNo: 2089700		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Dieldrin	16.486	2.0	16.67	0	98.9	53	107					
Endrin	16.784	2.0	16.67	0	101	51	110					
gamma-BHC	16.316	1.0	16.67	0	97.9	52	107					
Heptachlor	16.871	1.0	16.67	0	101	50	108					
Surr: Tetrachloro-m-xylene	14.870		16.67		89.2	22	110					
Surr: Decachlorobiphenyl	15.018		16.67		90.1	21	132					

Sample ID: 115739-057AMS		SampType: MS		TestCode: 8081_S		Units: µg/Kg		Prep Date: 1/17/2011		RunNo: 128925		
Client ID: ZZZZZZ		Batch ID: 69797		TestNo: EPA 8081A		EPA 3550B		Analysis Date: 1/18/2011		SeqNo: 2089701		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
4,4'-DDT	54.211	2.0	16.67	44.83	56.3	33	130					
Aldrin	14.274	1.0	16.67	0	85.6	39	121					
Dieldrin	20.275	2.0	16.67	0	122	29	140					
Endrin	20.165	2.0	16.67	0	121	36	130					
gamma-BHC	14.836	1.0	16.67	0	89.0	38	122					
Heptachlor	18.326	1.0	16.67	1.834	98.9	36	123					
Surr: Tetrachloro-m-xylene	12.849		16.67		77.1	22	110					
Surr: Decachlorobiphenyl	15.620		16.67		93.7	21	132					

Sample ID: 115739-057AMSD		SampType: MSD		TestCode: 8081_S		Units: µg/Kg		Prep Date: 1/17/2011		RunNo: 128925		
Client ID: ZZZZZZ		Batch ID: 69797		TestNo: EPA 8081A		EPA 3550B		Analysis Date: 1/18/2011		SeqNo: 2089702		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Aldrin	15.673	1.0	16.67	0	94.0	39	121	14.27	9.35	20		
Dieldrin	22.090	2.0	16.67	0	133	29	140	20.28	8.57	20		
Endrin	26.347	2.0	16.67	0	158	36	130	20.16	26.6	20	SR	
gamma-BHC	17.485	1.0	16.67	0	105	38	122	14.84	16.4	20		
Heptachlor	22.772	1.0	16.67	1.834	126	36	123	18.33	21.6	20	SR	
Surr: Tetrachloro-m-xylene	12.357		16.67		74.1	22	110		0	0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

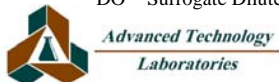
Sample ID: 115739-057AMSD	SampType: MSD	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128925						
Client ID: ZZZZZZ	Batch ID: 69797	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089702						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Decachlorobiphenyl	16.105		16.67		96.6	21	132		0	0	

Sample ID: 115739-057AMS	SampType: MS	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128925						
Client ID: ZZZZZZ	Batch ID: 69797	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089707						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	12.167		16.67		73.0	22	110				
Surr: Decachlorobiphenyl	14.085		16.67		84.5	21	132				

Sample ID: 115739-057AMSD	SampType: MSD	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128925						
Client ID: ZZZZZZ	Batch ID: 69797	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089708						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	54.180	20	16.67	32.39	131	33	130	34.98	43.1	20	SR
Surr: Tetrachloro-m-xylene	13.108		16.67		78.6	22	110		0	0	
Surr: Decachlorobiphenyl	14.802		16.67		88.8	21	132		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: MB-69797	SampType: MBLK	TestCode: 8082_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128891						
Client ID: PBS	Batch ID: 69797	TestNo: EPA 8082	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089080						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	13.973		16.67		83.8	36	124				
Surr: Tetrachloro-m-xylene	15.714		16.67		94.3	35	141				

Sample ID: LCSA-69797	SampType: LCS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128891						
Client ID: LCSS	Batch ID: 69797	TestNo: EPA 8082	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	138.343	16	166.7	0	83.0	56	100				
Aroclor 1260	157.374	16	166.7	0	94.4	57	110				
Surr: Decachlorobiphenyl	13.946		16.67		83.7	36	124				
Surr: Tetrachloro-m-xylene	14.550		16.67		87.3	35	141				

Sample ID: 115803-001AMSA	SampType: MS	TestCode: 8082_S	Units: µg/Kg	Prep Date: 1/17/2011	RunNo: 128891						
Client ID: Import 1	Batch ID: 69797	TestNo: EPA 8082	EPA 3550B	Analysis Date: 1/18/2011	SeqNo: 2089082						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	130.125	16	166.7	0	78.1	51	108				
Aroclor 1260	143.647	16	166.7	0	86.2	53	120				
Surr: Decachlorobiphenyl	10.647		16.67		63.9	36	124				
Surr: Tetrachloro-m-xylene	14.502		16.67		87.0	35	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: 115803-001AMSDA		SampType: MSD		TestCode: 8082_S		Units: µg/Kg		Prep Date: 1/17/2011		RunNo: 128891	
Client ID: Import 1		Batch ID: 69797		TestNo: EPA 8082		EPA 3550B		Analysis Date: 1/18/2011		SeqNo: 2089083	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	123.016	16	166.7	0	73.8	51	108	130.1	5.62	20	
Aroclor 1260	134.755	16	166.7	0	80.9	53	120	143.6	6.39	20	
Surr: Decachlorobiphenyl	10.445		16.67		62.7	36	124		0	20	
Surr: Tetrachloro-m-xylene	13.910		16.67		83.4	35	141		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CHAIN OF CUSTODY RECORD

<p style="text-align: center;">ADVANCED TECHNOLOGY LABORATORIES</p> <p>3275 Walnut Ave., Signal Hill, CA 90755 Tel: (562) 989-4045 • Fax: (562) 989-4040</p>	P.O.#: _____ Quote #: _____ Logged By: _____ Date: <u>1/14/11</u>	FOR LABORATORY USE ONLY:	
	NOTE: Please include your Quote No. to ensure proper pricing of your project.		Method of Transport <input type="checkbox"/> Client <input type="checkbox"/> ATL <input type="checkbox"/> FedEx <input type="checkbox"/> OnTrac <input checked="" type="checkbox"/> GSO <input type="checkbox"/> Other: _____

Client: <u>Mingo and Moore</u> Attn: <u>Nick Roy</u>	Address: <u>1956 Webster St</u> City: <u>Oakland</u> State: <u>CA</u> Zip Code: <u>94612</u>	TEL: <u>510-633-5640</u> FAX: _____
---	---	--

Project Name: <u>Holland Park</u>	Project #: <u>401314006</u>	Sampler: (Printed Name) _____ (Signature) <u>Nick Roy</u>
-----------------------------------	-----------------------------	---

Relinquished by: (Signature and Printed Name) _____ Date: <u>1/13/11</u>	Time: <u>1030</u>	Received by: (Signature and Printed Name) _____ Date: <u>1/13/11</u>	Time: <u>1150</u>
Relinquished by: (Signature and Printed Name) _____ Date: <u>1/13/11</u>	Time: <u>12:19pm</u>	Received by: (Signature and Printed Name) _____ Date: <u>1/13/11</u>	Time: <u>1219p</u>
Relinquished by: (Signature and Printed Name) _____ Date: _____	Time: _____	Received by: (Signature and Printed Name) _____ Date: <u>1/14/11</u>	Time: <u>9:45</u>

I hereby authorize ATL to perform the work indicated below: Project Mgr /Submitter: <u>Nick Roy</u> <u>1/13/11</u> Print Name Date _____ Signature	Send Report To: Attn: <u>Nick Roy</u> Co: _____ Addr: _____ City: _____ State: _____ Zip: _____	Bill To: Attn: <u>Nick Roy</u> Co: _____ Addr: _____ City: _____ State: _____ Zip: _____	Special Instructions/Comments: _____
--	---	--	---

Sample Records - Archival & Disposal
 Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
 • Sample : \$2.00 / sample / mo (after 45 days)
 • Records : \$1.00 / ATL workorder / mo (after 1 year)

I T E M	LAB USE ONLY:				SPECIFY APPROPRIATE MATRIX										CONTAINER(S)	TAT	#	Type	PRESERVATION	REMARKS									
	Batch #:		Sample Description																										
	Lab No.	Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BVA)	8010B (Total Metal)	8015B (GRO) / 8021 (BTEX)	8015B (DRO)	(TITLE 2) CAM 1 (8010) 7000	SEDIMENT	SOLID							SOIL	DRINKING WATER	GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS			
	<u>115903-007</u>	<u>Import 1</u>	<u>1/12/11</u>	<u>1400</u>	X	X				X	X			X									C	1	6	J	C		
	<u>1 2</u>	<u>Import 2</u>	<u>1/12/11</u>	<u>1405</u>	X	X				X	X			X										C	1	6	J	C	

• TAT starts 8 a.m. following day if samples received after 5 p.m.	TAT: <input type="checkbox"/> A= Overnight ≤ 24 hrs <input type="checkbox"/> B= Emergency Next workday <input type="checkbox"/> C= Critical 2 Workdays <input type="checkbox"/> D= Urgent 3 Workdays <input type="checkbox"/> E= Routine 7 Workdays	Preservatives: H=Hcl N=HNO ₃ S=H ₂ SO ₄ C=4°C Z=Zn(AC) ₂ O=NaOH T=Na ₂ S ₂ O ₃
Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal		

CLIENT: Ninyo & Moore
Project: Holland Park, 401314006
Lab Order: 115803

CASE NARRATIVE

Analytical Comments for EPA 8270C

Samples 115803-001A and 115803-002A, dilution was necessary due to black extract.



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 21-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115803
Project: Holland Park, 401314006
Lab ID: 115803-001A

Client Sample ID: Import 1
Collection Date: 1/12/2011 2:00:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM

EPA 3550B

EPA 8270C

RunID: MS6_110120A	QC Batch: 69878			PrepDate: 1/20/2011	Analyst: DMP
Acenaphthene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Acenaphthylene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Anthracene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Benzo(a)anthracene	35	25	µg/Kg	5	1/20/2011 02:18 PM
Benzo(a)pyrene	36	25	µg/Kg	5	1/20/2011 02:18 PM
Benzo(b)fluoranthene	48	25	µg/Kg	5	1/20/2011 02:18 PM
Benzo(g,h,i)perylene	30	25	µg/Kg	5	1/20/2011 02:18 PM
Benzo(k)fluoranthene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Chrysene	43	25	µg/Kg	5	1/20/2011 02:18 PM
Dibenz(a,h)anthracene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Fluoranthene	58	25	µg/Kg	5	1/20/2011 02:18 PM
Fluorene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Indeno(1,2,3-cd)pyrene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Naphthalene	ND	25	µg/Kg	5	1/20/2011 02:18 PM
Phenanthrene	34	25	µg/Kg	5	1/20/2011 02:18 PM
Pyrene	57	25	µg/Kg	5	1/20/2011 02:18 PM
Surr: 1,2-Dichlorobenzene-d4	68.1	33-121	%REC	5	1/20/2011 02:18 PM
Surr: 2-Fluorobiphenyl	92.6	41-128	%REC	5	1/20/2011 02:18 PM
Surr: 4-Terphenyl-d14	100	54-154	%REC	5	1/20/2011 02:18 PM
Surr: Nitrobenzene-d5	58.1	39-113	%REC	5	1/20/2011 02:18 PM

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 21-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115803
Project: Holland Park, 401314006
Lab ID: 115803-002A

Client Sample ID: Import 2
Collection Date: 1/12/2011 2:05:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM

EPA 3550B

EPA 8270C

RunID: MS6_110120A	QC Batch: 69878			PrepDate: 1/20/2011	Analyst: DMP
Acenaphthene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Acenaphthylene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Anthracene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Benzo(a)anthracene	36	25	µg/Kg	5	1/20/2011 02:46 PM
Benzo(a)pyrene	45	25	µg/Kg	5	1/20/2011 02:46 PM
Benzo(b)fluoranthene	74	25	µg/Kg	5	1/20/2011 02:46 PM
Benzo(g,h,i)perylene	34	25	µg/Kg	5	1/20/2011 02:46 PM
Benzo(k)fluoranthene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Chrysene	49	25	µg/Kg	5	1/20/2011 02:46 PM
Dibenz(a,h)anthracene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Fluoranthene	51	25	µg/Kg	5	1/20/2011 02:46 PM
Fluorene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Indeno(1,2,3-cd)pyrene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Naphthalene	ND	25	µg/Kg	5	1/20/2011 02:46 PM
Phenanthrene	26	25	µg/Kg	5	1/20/2011 02:46 PM
Pyrene	50	25	µg/Kg	5	1/20/2011 02:46 PM
Surr: 1,2-Dichlorobenzene-d4	67.7	33-121	%REC	5	1/20/2011 02:46 PM
Surr: 2-Fluorobiphenyl	90.9	41-128	%REC	5	1/20/2011 02:46 PM
Surr: 4-Terphenyl-d14	101	54-154	%REC	5	1/20/2011 02:46 PM
Surr: Nitrobenzene-d5	62.0	39-113	%REC	5	1/20/2011 02:46 PM

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

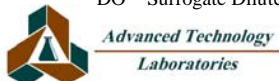
TestCode: 8270_S_SIM

Sample ID: MB-69878	SampType: MBLK	TestCode: 8270_S_SIM	Units: µg/Kg	Prep Date: 1/20/2011	RunNo: 129022						
Client ID: PBS	Batch ID: 69878	TestNo: EPA 8270C EPA 3550B		Analysis Date: 1/20/2011	SeqNo: 2091454						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	5.0									
Acenaphthylene	ND	5.0									
Anthracene	ND	5.0									
Benzo(a)anthracene	ND	5.0									
Benzo(a)pyrene	ND	5.0									
Benzo(b)fluoranthene	ND	5.0									
Benzo(g,h,i)perylene	ND	5.0									
Benzo(k)fluoranthene	ND	5.0									
Chrysene	ND	5.0									
Dibenz(a,h)anthracene	ND	5.0									
Fluoranthene	ND	5.0									
Fluorene	ND	5.0									
Indeno(1,2,3-cd)pyrene	ND	5.0									
Naphthalene	ND	5.0									
Phenanthrene	ND	5.0									
Pyrene	ND	5.0									
Surr: 1,2-Dichlorobenzene-d4	24.915		33.33		74.8	33	121				
Surr: 2-Fluorobiphenyl	30.501		33.33		91.5	41	128				
Surr: 4-Terphenyl-d14	35.572		33.33		107	54	154				
Surr: Nitrobenzene-d5	22.179		33.33		66.5	39	113				

Sample ID: LCS-69878	SampType: LCS	TestCode: 8270_S_SIM	Units: µg/Kg	Prep Date: 1/20/2011	RunNo: 129022						
Client ID: LCSS	Batch ID: 69878	TestNo: EPA 8270C EPA 3550B		Analysis Date: 1/20/2011	SeqNo: 2091455						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	24.063	5.0	33.33	0	72.2	48	103				
Phenanthrene	27.029	5.0	33.33	0	81.1	56	110				
Pyrene	25.712	5.0	33.33	0	77.1	62	110				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out
- Calculations are based on raw values



CLIENT: Ninyo & Moore
Work Order: 115803
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_SIM

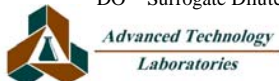
Sample ID: LCS-69878		SampType: LCS		TestCode: 8270_S_SIM		Units: µg/Kg		Prep Date: 1/20/2011		RunNo: 129022	
Client ID: LCSS		Batch ID: 69878		TestNo: EPA 8270C EPA 3550B		Analysis Date: 1/20/2011		SeqNo: 2091455			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichlorobenzene-d4	21.222		33.33		63.7	33	121				
Surr: 2-Fluorobiphenyl	25.739		33.33		77.2	41	128				
Surr: 4-Terphenyl-d14	31.878		33.33		95.6	54	154				
Surr: Nitrobenzene-d5	19.255		33.33		57.8	39	113				

Sample ID: MB-69878MS		SampType: MS		TestCode: 8270_S_SIM		Units: µg/Kg		Prep Date: 1/20/2011		RunNo: 129022	
Client ID: ZZZZZ		Batch ID: 69878		TestNo: EPA 8270C EPA 3550B		Analysis Date: 1/20/2011		SeqNo: 2091456			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	27.632	5.0	33.33	0	82.9	52	133				
Phenanthrene	29.905	5.0	33.33	0	89.7	32	181				
Pyrene	26.633	5.0	33.33	0	79.9	46	157				
Surr: 1,2-Dichlorobenzene-d4	24.354		33.33		73.1	33	121				
Surr: 2-Fluorobiphenyl	29.745		33.33		89.2	41	128				
Surr: 4-Terphenyl-d14	32.588		33.33		97.8	54	154				
Surr: Nitrobenzene-d5	21.857		33.33		65.6	39	113				

Sample ID: MB-69878MSD		SampType: MSD		TestCode: 8270_S_SIM		Units: µg/Kg		Prep Date: 1/20/2011		RunNo: 129022	
Client ID: ZZZZZ		Batch ID: 69878		TestNo: EPA 8270C EPA 3550B		Analysis Date: 1/20/2011		SeqNo: 2091457			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	27.015	5.0	33.33	0	81.1	52	133	27.63	2.26	20	
Phenanthrene	29.975	5.0	33.33	0	89.9	32	181	29.90	0.233	20	
Pyrene	28.458	5.0	33.33	0	85.4	46	157	26.63	6.62	20	
Surr: 1,2-Dichlorobenzene-d4	23.794		33.33		71.4	33	121		0		
Surr: 2-Fluorobiphenyl	28.458		33.33		85.4	41	128		0		
Surr: 4-Terphenyl-d14	33.777		33.33		101	54	154		0		
Surr: Nitrobenzene-d5	21.482		33.33		64.5	39	113		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



January 26, 2011



Nick Roy
Ninyo & Moore
1956 Webster Street, Suite 400
Oakland, CA 94612
TEL: (813) 215-3878
FAX: (510) 633-5646

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
Workorder No.: 115954

RE: Holland Park, 401314006

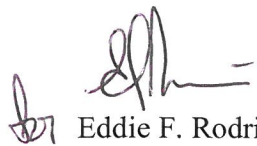
Attention: Nick Roy

Enclosed are the results for sample(s) received on January 25, 2011 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,


Eddie F. Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.

CLIENT: Ninyo & Moore
Project: Holland Park, 401314006
Lab Order: 115954

CASE NARRATIVE

Analytical Comments for EPA 6010B

Sample 115898-001A-MSD, Matrix Spike Duplicate (MSD) is outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for EPA 8015B(M) (DRO)

Sample 115899-002AMSD, Matrix Spike Duplicate (MSD) is outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).



Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115954
Project: Holland Park, 401314006
Lab ID: 115954-001A

Client Sample ID: Import #1
Collection Date: 1/24/2011
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_110126C	QC Batch:	69984	PrepDate:	1/25/2011	Analyst:	JSD
Antimony	ND	2.0	mg/Kg	1	1/26/2011 02:48 PM		
Arsenic	ND	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Barium	56	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Beryllium	ND	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Cadmium	ND	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Chromium	14	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Cobalt	4.1	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Copper	9.6	2.0	mg/Kg	1	1/26/2011 02:48 PM		
Lead	3.3	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Molybdenum	ND	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Nickel	16	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Selenium	ND	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Silver	ND	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Thallium	ND	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Vanadium	14	1.0	mg/Kg	1	1/26/2011 02:48 PM		
Zinc	20	1.0	mg/Kg	1	1/26/2011 02:48 PM		

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID:	GC16_110126A	QC Batch:	69990	PrepDate:	1/25/2011	Analyst:	CBR
DRO	ND	1.0	mg/Kg	1	1/26/2011 11:04 AM		
ORO	ND	1.0	mg/Kg	1	1/26/2011 11:04 AM		
Surr: p-Terphenyl	70.0	30-128	%REC	1	1/26/2011 11:04 AM		

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110125B	QC Batch:	70001	PrepDate:	1/25/2011	Analyst:	HL
4,4'-DDD	ND	2.0	µg/Kg	1	1/25/2011 06:40 PM		
4,4'-DDE	30	2.0	µg/Kg	1	1/25/2011 06:40 PM		
4,4'-DDT	17	2.0	µg/Kg	1	1/25/2011 06:40 PM		
Aldrin	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
alpha-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
alpha-Chlordane	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
beta-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
Chlordane	ND	8.5	µg/Kg	1	1/25/2011 06:40 PM		
delta-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		

Qualifiers: B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 DO Surrogate Diluted Out
 E Value above quantitation range
 ND Not Detected at the Reporting Limit
 Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115954
Project: Holland Park, 401314006
Lab ID: 115954-001A

Client Sample ID: Import #1
Collection Date: 1/24/2011
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110125B	QC Batch:	70001	PrepDate:	1/25/2011	Analyst:	HL
Dieldrin	ND	2.0	µg/Kg	1	1/25/2011 06:40 PM		
Endosulfan I	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
Endosulfan II	ND	2.0	µg/Kg	1	1/25/2011 06:40 PM		
Endosulfan sulfate	ND	2.0	µg/Kg	1	1/25/2011 06:40 PM		
Endrin	ND	2.0	µg/Kg	1	1/25/2011 06:40 PM		
Endrin aldehyde	ND	2.0	µg/Kg	1	1/25/2011 06:40 PM		
Endrin ketone	ND	2.0	µg/Kg	1	1/25/2011 06:40 PM		
gamma-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
gamma-Chlordane	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
Heptachlor	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
Heptachlor epoxide	ND	1.0	µg/Kg	1	1/25/2011 06:40 PM		
Methoxychlor	ND	5.0	µg/Kg	1	1/25/2011 06:40 PM		
Toxaphene	ND	50	µg/Kg	1	1/25/2011 06:40 PM		
Surr: Decachlorobiphenyl	75.4	21-132	%REC	1	1/25/2011 06:40 PM		
Surr: Tetrachloro-m-xylene	73.8	22-110	%REC	1	1/25/2011 06:40 PM		

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID:	GC4_110125B	QC Batch:	70001	PrepDate:	1/25/2011	Analyst:	BB
Aroclor 1016	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1221	ND	33	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1232	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1242	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1248	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1254	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1260	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1262	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Aroclor 1268	ND	16	µg/Kg	1	1/25/2011 11:08 PM		
Surr: Decachlorobiphenyl	114	36-124	%REC	1	1/25/2011 11:08 PM		
Surr: Tetrachloro-m-xylene	84.4	35-141	%REC	1	1/25/2011 11:08 PM		

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID:	AA1_110125E	QC Batch:	69983	PrepDate:	1/25/2011	Analyst:	VV
Mercury	ND	0.10	mg/Kg	1	1/25/2011 04:40 PM		

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS
 Print Date: 26-Jan-11

CLIENT: Ninyo & Moore	Client Sample ID: Import #1
Lab Order: 115954	Collection Date: 1/24/2011
Project: Holland Park, 401314006	Matrix: SOIL
Lab ID: 115954-001A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM

EPA 3550B		EPA 8270C				
RunID: MS6_110126A	QC Batch: 70008			PrepDate:	1/26/2011	Analyst: DMP
Acenaphthene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Acenaphthylene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Anthracene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Benzo(a)anthracene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Benzo(a)pyrene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Benzo(b)fluoranthene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Benzo(g,h,i)perylene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Benzo(k)fluoranthene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Chrysene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Dibenz(a,h)anthracene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Fluoranthene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Fluorene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Naphthalene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Phenanthrene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Pyrene	ND	5.0		µg/Kg	1	1/26/2011 11:34 AM
Surr: 1,2-Dichlorobenzene-d4	71.7	33-121		%REC	1	1/26/2011 11:34 AM
Surr: 2-Fluorobiphenyl	88.0	41-128		%REC	1	1/26/2011 11:34 AM
Surr: 4-Terphenyl-d14	112	54-154		%REC	1	1/26/2011 11:34 AM
Surr: Nitrobenzene-d5	65.6	39-113		%REC	1	1/26/2011 11:34 AM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
 Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115954
Project: Holland Park, 401314006
Lab ID: 115954-002A

Client Sample ID: Import #2
Collection Date: 1/24/2011
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ICP METALS

EPA 3050B

EPA 6010B

RunID:	ICP8_110126C	QC Batch:	69984	PrepDate:	1/25/2011	Analyst:	JSD
Antimony	ND	2.0	mg/Kg	1	1/26/2011 02:52 PM		
Arsenic	ND	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Barium	47	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Beryllium	ND	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Cadmium	ND	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Chromium	13	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Cobalt	3.7	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Copper	8.4	2.0	mg/Kg	1	1/26/2011 02:52 PM		
Lead	3.0	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Molybdenum	ND	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Nickel	14	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Selenium	ND	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Silver	ND	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Thallium	ND	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Vanadium	12	1.0	mg/Kg	1	1/26/2011 02:52 PM		
Zinc	18	1.0	mg/Kg	1	1/26/2011 02:52 PM		

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B(M)

RunID:	GC16_110126A	QC Batch:	69990	PrepDate:	1/25/2011	Analyst:	CBR
DRO	ND	1.0	mg/Kg	1	1/26/2011 11:13 AM		
ORO	2.0	1.0	mg/Kg	1	1/26/2011 11:13 AM		
Surr: p-Terphenyl	86.6	30-128	%REC	1	1/26/2011 11:13 AM		

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110125B	QC Batch:	70001	PrepDate:	1/25/2011	Analyst:	HL
4,4'-DDD	ND	2.0	µg/Kg	1	1/25/2011 06:53 PM		
4,4'-DDE	18	2.0	µg/Kg	1	1/25/2011 06:53 PM		
4,4'-DDT	9.5	2.0	µg/Kg	1	1/25/2011 06:53 PM		
Aldrin	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
alpha-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
alpha-Chlordane	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
beta-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
Chlordane	ND	8.5	µg/Kg	1	1/25/2011 06:53 PM		
delta-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
S Spike/Surrogate outside of limits due to matrix interference Results are wet unless otherwise specified
DO Surrogate Diluted Out



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-Jan-11

CLIENT: Ninyo & Moore
Lab Order: 115954
Project: Holland Park, 401314006
Lab ID: 115954-002A

Client Sample ID: Import #2
Collection Date: 1/24/2011
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

ORGANOCHLORINE PESTICIDES BY GC/ECD

EPA 3550B

EPA 8081A

RunID:	GC10_110125B	QC Batch:	70001	PrepDate:	1/25/2011	Analyst:	HL
Dieldrin	ND	2.0	µg/Kg	1	1/25/2011 06:53 PM		
Endosulfan I	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
Endosulfan II	ND	2.0	µg/Kg	1	1/25/2011 06:53 PM		
Endosulfan sulfate	ND	2.0	µg/Kg	1	1/25/2011 06:53 PM		
Endrin	ND	2.0	µg/Kg	1	1/25/2011 06:53 PM		
Endrin aldehyde	ND	2.0	µg/Kg	1	1/25/2011 06:53 PM		
Endrin ketone	ND	2.0	µg/Kg	1	1/25/2011 06:53 PM		
gamma-BHC	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
gamma-Chlordane	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
Heptachlor	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
Heptachlor epoxide	ND	1.0	µg/Kg	1	1/25/2011 06:53 PM		
Methoxychlor	ND	5.0	µg/Kg	1	1/25/2011 06:53 PM		
Toxaphene	ND	50	µg/Kg	1	1/25/2011 06:53 PM		
Surr: Decachlorobiphenyl	72.3	21-132	%REC	1	1/25/2011 06:53 PM		
Surr: Tetrachloro-m-xylene	65.8	22-110	%REC	1	1/25/2011 06:53 PM		

PCBS BY GC/ECD

EPA 3550B

EPA 8082

RunID:	GC4_110125B	QC Batch:	70001	PrepDate:	1/25/2011	Analyst:	BB
Aroclor 1016	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1221	ND	33	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1232	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1242	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1248	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1254	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1260	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1262	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Aroclor 1268	ND	16	µg/Kg	1	1/25/2011 11:39 PM		
Surr: Decachlorobiphenyl	107	36-124	%REC	1	1/25/2011 11:39 PM		
Surr: Tetrachloro-m-xylene	71.1	35-141	%REC	1	1/25/2011 11:39 PM		

MERCURY BY COLD VAPOR TECHNIQUE

EPA 7471A

RunID:	AA1_110125E	QC Batch:	69983	PrepDate:	1/25/2011	Analyst:	VV
Mercury	ND	0.10	mg/Kg	1	1/25/2011 04:38 PM		

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: 26-Jan-11

CLIENT: Ninyo & Moore	Client Sample ID: Import #2
Lab Order: 115954	Collection Date: 1/24/2011
Project: Holland Park, 401314006	Matrix: SOIL
Lab ID: 115954-002A	

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
----------	--------	-----	------	-------	----	---------------

SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM

EPA 3550B		EPA 8270C				
RunID: MS6_110126A	QC Batch: 70008			PrepDate:	1/26/2011	Analyst: DMP
Acenaphthene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Acenaphthylene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Anthracene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Benzo(a)anthracene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Benzo(a)pyrene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Benzo(b)fluoranthene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Benzo(g,h,i)perylene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Benzo(k)fluoranthene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Chrysene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Dibenz(a,h)anthracene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Fluoranthene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Fluorene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Naphthalene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Phenanthrene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Pyrene	ND	5.0		µg/Kg	1	1/26/2011 12:03 PM
Surr: 1,2-Dichlorobenzene-d4	70.5	33-121		%REC	1	1/26/2011 12:03 PM
Surr: 2-Fluorobiphenyl	92.6	41-128		%REC	1	1/26/2011 12:03 PM
Surr: 4-Terphenyl-d14	116	54-154		%REC	1	1/26/2011 12:03 PM
Surr: Nitrobenzene-d5	64.7	39-113		%REC	1	1/26/2011 12:03 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



Advanced Technology
Laboratories

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

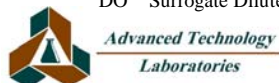
TestCode: 6010_S

Sample ID: MB-69984	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129180						
Client ID: PBS	Batch ID: 69984	TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/26/2011	SeqNo: 2094346						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	0.235	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	0.037	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: LCS-69984	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129180						
Client ID: LCSS	Batch ID: 69984	TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/26/2011	SeqNo: 2094347						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	50.504	2.0	50.00	0	101	80	120				
Arsenic	47.532	1.0	50.00	0	95.1	80	120				
Barium	50.240	1.0	50.00	0	100	80	120				
Beryllium	49.383	1.0	50.00	0	98.8	80	120				
Cadmium	48.340	1.0	50.00	0	96.7	80	120				
Chromium	48.956	1.0	50.00	0	97.9	80	120				
Cobalt	48.944	1.0	50.00	0	97.9	80	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

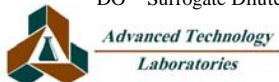
TestCode: 6010_S

Sample ID: LCS-69984	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129180						
Client ID: LCSS	Batch ID: 69984	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 1/26/2011	SeqNo: 2094347						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	49.933	2.0	50.00	0	99.9	80	120				
Lead	49.572	1.0	50.00	0.2348	98.7	80	120				
Molybdenum	52.867	1.0	50.00	0	106	80	120				
Nickel	48.178	1.0	50.00	0	96.4	80	120				
Selenium	45.779	1.0	50.00	0	91.6	80	120				
Silver	48.779	1.0	50.00	0.03725	97.5	80	120				
Thallium	50.181	1.0	50.00	0	100	80	120				
Vanadium	50.926	1.0	50.00	0	102	80	120				
Zinc	47.851	1.0	50.00	0	95.7	80	120				

Sample ID: 115898-001A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129180						
Client ID: ZZZZZZ	Batch ID: 69984	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 1/26/2011	SeqNo: 2094351						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	91.762	2.0	125.0	15.13	61.3	32	105				
Arsenic	98.581	1.0	125.0	0	78.9	49	106				
Barium	172.515	1.0	125.0	56.07	93.2	31	133				
Beryllium	105.841	1.0	125.0	0	84.7	56	106				
Cadmium	103.713	1.0	125.0	1.053	82.1	51	103				
Chromium	134.430	1.0	125.0	8.259	101	45	114				
Cobalt	110.894	1.0	125.0	4.167	85.4	52	106				
Copper	184.280	2.0	125.0	104.1	64.1	54	125				
Lead	121.257	1.0	125.0	15.79	84.4	34	126				
Molybdenum	110.581	1.0	125.0	0.3634	88.2	54	106				
Nickel	113.898	1.0	125.0	5.113	87.0	45	111				
Selenium	101.373	1.0	125.0	0	81.1	47	104				
Silver	58.481	1.0	125.0	0	46.8	56	112				S
Thallium	104.038	1.0	125.0	0.4357	82.9	46	101				
Vanadium	133.458	1.0	125.0	14.11	95.5	54	114				
Zinc	376.593	1.0	125.0	245.0	105	28	125				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

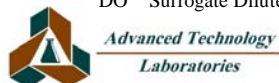
ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: 115898-001A-MSD		SampType: MSD		TestCode: 6010_S		Units: mg/Kg		Prep Date: 1/25/2011		RunNo: 129180	
Client ID: ZZZZZZ		Batch ID: 69984		TestNo: EPA 6010B EPA 3050B		Analysis Date: 1/26/2011		SeqNo: 2094352			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	92.462	2.0	125.0	15.13	61.9	32	105	91.76	0.761	20	
Arsenic	97.295	1.0	125.0	0	77.8	49	106	98.58	1.31	20	
Barium	174.944	1.0	125.0	56.07	95.1	31	133	172.5	1.40	20	
Beryllium	106.628	1.0	125.0	0	85.3	56	106	105.8	0.741	20	
Cadmium	102.378	1.0	125.0	1.053	81.1	51	103	103.7	1.30	20	
Chromium	125.002	1.0	125.0	8.259	93.4	45	114	134.4	7.27	20	
Cobalt	110.218	1.0	125.0	4.167	84.8	52	106	110.9	0.611	20	
Copper	177.453	2.0	125.0	104.1	58.7	54	125	184.3	3.77	20	
Lead	127.490	1.0	125.0	15.79	89.4	34	126	121.3	5.01	20	
Molybdenum	110.172	1.0	125.0	0.3634	87.8	54	106	110.6	0.371	20	
Nickel	112.001	1.0	125.0	5.113	85.5	45	111	113.9	1.68	20	
Selenium	100.534	1.0	125.0	0	80.4	47	104	101.4	0.831	20	
Silver	63.249	1.0	125.0	0	50.6	56	112	58.48	7.83	20	S
Thallium	103.525	1.0	125.0	0.4357	82.5	46	101	104.0	0.494	20	
Vanadium	133.529	1.0	125.0	14.11	95.5	54	114	133.5	0.0532	20	
Zinc	386.492	1.0	125.0	245.0	113	28	125	376.6	2.59	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: MB-69983	SampType: MBLK	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129146						
Client ID: PBS	Batch ID: 69983	TestNo: EPA 7471A		Analysis Date: 1/25/2011	SeqNo: 2093722						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury ND 0.10

Sample ID: LCS-69983	SampType: LCS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129146						
Client ID: LCSS	Batch ID: 69983	TestNo: EPA 7471A		Analysis Date: 1/25/2011	SeqNo: 2093722						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.806 0.10 0.8300 0 97.1 80 120

Sample ID: 115954-002A-MS	SampType: MS	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129146						
Client ID: Import #2	Batch ID: 69983	TestNo: EPA 7471A		Analysis Date: 1/25/2011	SeqNo: 2093724						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

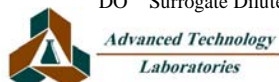
Mercury 0.867 0.10 0.8300 0.009727 103 70 130

Sample ID: 115954-002A-MSD	SampType: MSD	TestCode: 7471_S	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129146						
Client ID: Import #2	Batch ID: 69983	TestNo: EPA 7471A		Analysis Date: 1/25/2011	SeqNo: 2093725						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Mercury 0.865 0.10 0.8300 0.009727 103 70 130 0.8673 0.271 20

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM LL

Sample ID: MB-69990	SampType: MBLK	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129175						
Client ID: PBS	Batch ID: 69990	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/26/2011	SeqNo: 2094253						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	ND	1.0									
ORO	ND	1.0									
Surr: p-Terphenyl	2.434		2.670		91.1	30	128				

Sample ID: LCS-69990	SampType: LCS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129175						
Client ID: LCSS	Batch ID: 69990	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/26/2011	SeqNo: 2094254						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	27.094	1.0	33.00	0	82.1	35	118				
Surr: p-Terphenyl	2.463		2.670		92.2	30	128				

Sample ID: 115899-002AMS	SampType: MS	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129175						
Client ID: ZZZZZ	Batch ID: 69990	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/26/2011	SeqNo: 2094260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

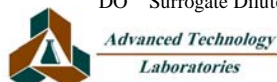
DRO	98.503	2.0	33.00	58.13	122	25	129				
Surr: p-Terphenyl	2.374		2.670		88.9	30	128				

Sample ID: 115899-002AMSD	SampType: MSD	TestCode: 8015_S_DM L	Units: mg/Kg	Prep Date: 1/25/2011	RunNo: 129175						
Client ID: ZZZZZ	Batch ID: 69990	TestNo: EPA 8015B(M EPA 3550B		Analysis Date: 1/26/2011	SeqNo: 2094261						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

DRO	106.127	2.0	33.00	58.13	145	25	129	98.50	7.45	20	S
Surr: p-Terphenyl	2.819		2.670		106	30	128		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

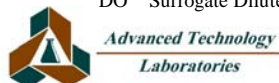
TestCode: 8081_S

Sample ID: MB-70001	SampType: MBLK	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/25/2011	RunNo: 129156						
Client ID: PBS	Batch ID: 70001	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/25/2011	SeqNo: 2093865						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	2.0									
4,4'-DDE	ND	2.0									
4,4'-DDT	ND	2.0									
Aldrin	ND	1.0									
alpha-BHC	ND	1.0									
alpha-Chlordane	ND	1.0									
beta-BHC	ND	1.0									
Chlordane	ND	8.5									
delta-BHC	ND	1.0									
Dieldrin	ND	2.0									
Endosulfan I	ND	1.0									
Endosulfan II	ND	2.0									
Endosulfan sulfate	ND	2.0									
Endrin	ND	2.0									
Endrin aldehyde	ND	2.0									
Endrin ketone	ND	2.0									
gamma-BHC	ND	1.0									
gamma-Chlordane	ND	1.0									
Heptachlor	ND	1.0									
Heptachlor epoxide	ND	1.0									
Methoxychlor	ND	5.0									
Toxaphene	ND	50									
Surr: Tetrachloro-m-xylene	10.876		16.67		65.2	22	110				
Surr: Decachlorobiphenyl	10.349		16.67		62.1	21	132				

Sample ID: LCS-70001	SampType: LCS	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/25/2011	RunNo: 129156						
Client ID: LCSS	Batch ID: 70001	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/25/2011	SeqNo: 2093866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aldrin	13.935	1.0	16.67	0	83.6	53	107				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

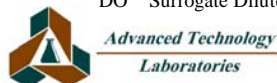
Sample ID: LCS-70001	SampType: LCS	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/25/2011	RunNo: 129156						
Client ID: LCSS	Batch ID: 70001	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/25/2011	SeqNo: 2093866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dieldrin	14.480	2.0	16.67	0	86.9	53	107				
Endrin	14.592	2.0	16.67	0	87.5	51	110				
gamma-BHC	13.895	1.0	16.67	0	83.4	52	107				
Heptachlor	14.205	1.0	16.67	0	85.2	50	108				
Surr: Tetrachloro-m-xylene	13.097		16.67		78.6	22	110				
Surr: Decachlorobiphenyl	13.605		16.67		81.6	21	132				

Sample ID: 115954-001AMS	SampType: MS	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/25/2011	RunNo: 129156						
Client ID: Import #1	Batch ID: 70001	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/25/2011	SeqNo: 2093867						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	32.019	2.0	16.67	16.65	92.2	33	130				
Aldrin	14.099	1.0	16.67	0	84.6	39	121				
Dieldrin	15.511	2.0	16.67	0	93.0	29	140				
Endrin	16.058	2.0	16.67	0	96.3	36	130				
gamma-BHC	14.113	1.0	16.67	0	84.7	38	122				
Heptachlor	14.618	1.0	16.67	0	87.7	36	123				
Surr: Tetrachloro-m-xylene	10.585		16.67		63.5	22	110				
Surr: Decachlorobiphenyl	12.962		16.67		77.8	21	132				

Sample ID: 115954-001AMSD	SampType: MSD	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/25/2011	RunNo: 129156						
Client ID: Import #1	Batch ID: 70001	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/25/2011	SeqNo: 2093868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	31.944	2.0	16.67	16.65	91.8	33	130	32.02	0.235	20	
Aldrin	14.022	1.0	16.67	0	84.1	39	121	14.10	0.549	20	
Dieldrin	15.412	2.0	16.67	0	92.5	29	140	15.51	0.638	20	
Endrin	16.072	2.0	16.67	0	96.4	36	130	16.06	0.0871	20	
gamma-BHC	14.026	1.0	16.67	0	84.1	38	122	14.11	0.621	20	
Heptachlor	14.572	1.0	16.67	0	87.4	36	123	14.62	0.311	20	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8081_S

Sample ID: 115954-001AMSD	SampType: MSD	TestCode: 8081_S	Units: µg/Kg	Prep Date: 1/25/2011	RunNo: 129156						
Client ID: Import #1	Batch ID: 70001	TestNo: EPA 8081A	EPA 3550B	Analysis Date: 1/25/2011	SeqNo: 2093868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	10.551		16.67		63.3	22	110		0	0	
Surr: Decachlorobiphenyl	12.741		16.67		76.4	21	132		0	0	

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

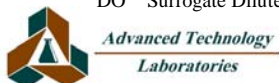
Sample ID: MB-70001		SampType: MBLK		TestCode: 8082_S		Units: µg/Kg		Prep Date: 1/25/2011		RunNo: 129172	
Client ID: PBS		Batch ID: 70001		TestNo: EPA 8082		EPA 3550B		Analysis Date: 1/25/2011		SeqNo: 2094214	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	16									
Aroclor 1221	ND	33									
Aroclor 1232	ND	16									
Aroclor 1242	ND	16									
Aroclor 1248	ND	16									
Aroclor 1254	ND	16									
Aroclor 1260	ND	16									
Aroclor 1262	ND	16									
Aroclor 1268	ND	16									
Surr: Decachlorobiphenyl	18.792		16.67		113	36	124				
Surr: Tetrachloro-m-xylene	14.427		16.67		86.5	35	141				

Sample ID: LCSA-70001		SampType: LCS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 1/25/2011		RunNo: 129172	
Client ID: LCSS		Batch ID: 70001		TestNo: EPA 8082		EPA 3550B		Analysis Date: 1/25/2011		SeqNo: 2094215	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	150.183	16	166.7	0	90.1	56	100				
Aroclor 1260	175.183	16	166.7	0	105	57	110				
Surr: Decachlorobiphenyl	18.882		16.67		113	36	124				
Surr: Tetrachloro-m-xylene	14.873		16.67		89.2	35	141				

Sample ID: 115954-001AMSA		SampType: MS		TestCode: 8082_S		Units: µg/Kg		Prep Date: 1/25/2011		RunNo: 129172	
Client ID: Import #1		Batch ID: 70001		TestNo: EPA 8082		EPA 3550B		Analysis Date: 1/25/2011		SeqNo: 2094216	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	134.837	16	166.7	0	80.9	51	108				
Aroclor 1260	167.124	16	166.7	0	100	53	120				
Surr: Decachlorobiphenyl	17.838		16.67		107	36	124				
Surr: Tetrachloro-m-xylene	12.571		16.67		75.4	35	141				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8082_S

Sample ID: 115954-001AMSDA	SampType: MSD	TestCode: 8082_S	Units: µg/Kg	Prep Date: 1/25/2011	RunNo: 129172						
Client ID: Import #1	Batch ID: 70001	TestNo: EPA 8082	EPA 3550B	Analysis Date: 1/25/2011	SeqNo: 2094217						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	139.897	16	166.7	0	83.9	51	108	134.8	3.68	20	
Aroclor 1260	170.504	16	166.7	0	102	53	120	167.1	2.00	20	
Surr: Decachlorobiphenyl	17.870		16.67		107	36	124		0	20	
Surr: Tetrachloro-m-xylene	13.056		16.67		78.3	35	141		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		



*Advanced Technology
Laboratories*

3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562.989.4045 Fax: 562.989.4040

CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

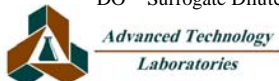
TestCode: 8270_S_SIM

Sample ID: MB-70008	SampType: MBLK	TestCode: 8270_S_SIM	Units: µg/Kg	Prep Date: 1/26/2011	RunNo: 129174						
Client ID: PBS	Batch ID: 70008	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 1/26/2011	SeqNo: 2094247						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	5.0									
Acenaphthylene	ND	5.0									
Anthracene	ND	5.0									
Benzo(a)anthracene	ND	5.0									
Benzo(a)pyrene	ND	5.0									
Benzo(b)fluoranthene	ND	5.0									
Benzo(g,h,i)perylene	ND	5.0									
Benzo(k)fluoranthene	ND	5.0									
Chrysene	ND	5.0									
Dibenz(a,h)anthracene	ND	5.0									
Fluoranthene	ND	5.0									
Fluorene	ND	5.0									
Indeno(1,2,3-cd)pyrene	ND	5.0									
Naphthalene	ND	5.0									
Phenanthrene	ND	5.0									
Pyrene	ND	5.0									
Surr: 1,2-Dichlorobenzene-d4	17.403		33.33		52.2	33	121				
Surr: 2-Fluorobiphenyl	20.411		33.33		61.2	41	128				
Surr: 4-Terphenyl-d14	25.710		33.33		77.1	54	154				
Surr: Nitrobenzene-d5	13.917		33.33		41.8	39	113				

Sample ID: LCS-70008	SampType: LCS	TestCode: 8270_S_SIM	Units: µg/Kg	Prep Date: 1/26/2011	RunNo: 129174						
Client ID: LCSS	Batch ID: 70008	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 1/26/2011	SeqNo: 2094248						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	22.875	5.0	33.33	0	68.6	48	103				
Phenanthrene	23.831	5.0	33.33	0	71.5	56	110				
Pyrene	22.674	5.0	33.33	0	68.0	62	110				
Surr: 1,2-Dichlorobenzene-d4	20.553		33.33		61.7	33	121				
Surr: 2-Fluorobiphenyl	24.544		33.33		73.6	41	128				

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



CLIENT: Ninyo & Moore
Work Order: 115954
Project: Holland Park, 401314006

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270_S_SIM

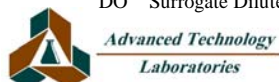
Sample ID: LCS-70008	SampType: LCS	TestCode: 8270_S_SIM	Units: µg/Kg	Prep Date: 1/26/2011	RunNo: 129174						
Client ID: LCSS	Batch ID: 70008	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 1/26/2011	SeqNo: 2094248						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Terphenyl-d14	25.449		33.33		76.4	54	154				
Surr: Nitrobenzene-d5	18.014		33.33		54.0	39	113				

Sample ID: 115954-001AMS	SampType: MS	TestCode: 8270_S_SIM	Units: µg/Kg	Prep Date: 1/26/2011	RunNo: 129174						
Client ID: Import #1	Batch ID: 70008	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 1/26/2011	SeqNo: 2094249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	29.427	5.0	33.33	0	88.3	52	133				
Phenanthrene	32.327	5.0	33.33	0	97.0	32	181				
Pyrene	30.566	5.0	33.33	0	91.7	46	157				
Surr: 1,2-Dichlorobenzene-d4	25.572		33.33		76.7	33	121				
Surr: 2-Fluorobiphenyl	31.421		33.33		94.3	41	128				
Surr: 4-Terphenyl-d14	35.803		33.33		107	54	154				
Surr: Nitrobenzene-d5	23.627		33.33		70.9	39	113				

Sample ID: 115954-001AMSD	SampType: MSD	TestCode: 8270_S_SIM	Units: µg/Kg	Prep Date: 1/26/2011	RunNo: 129174						
Client ID: Import #1	Batch ID: 70008	TestNo: EPA 8270C	EPA 3550B	Analysis Date: 1/26/2011	SeqNo: 2094250						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	28.148	5.0	33.33	0	84.5	52	133	29.43	4.44	20	
Phenanthrene	31.318	5.0	33.33	0	94.0	32	181	32.33	3.17	20	
Pyrene	29.164	5.0	33.33	0	87.5	46	157	30.57	4.69	20	
Surr: 1,2-Dichlorobenzene-d4	24.564		33.33		73.7	33	121		0		
Surr: 2-Fluorobiphenyl	30.144		33.33		90.4	41	128		0		
Surr: 4-Terphenyl-d14	35.755		33.33		107	54	154		0		
Surr: Nitrobenzene-d5	23.170		33.33		69.5	39	113		0		

Qualifiers:

- | | | |
|---|--|--|
| B Analyte detected in the associated Method Blank | E Value above quantitation range | H Holding times for preparation or analysis exceeded |
| ND Not Detected at the Reporting Limit | R RPD outside accepted recovery limits | S Spike/Surrogate outside of limits due to matrix interference |
| DO Surrogate Diluted Out | Calculations are based on raw values | |



APPENDIX D
CORRESPONDENCE WITH ACEHD

ACEHD correspondence 1.txt

From: Ni chol as Roy
Sent: Wednesday, January 26, 2011 4:33 PM
To: 'jerry.wickham@acgov.org'
Cc: Kris Larson
Subject: Re: Holland Park import material lab data

Jerry,

The samples were collected discretely. Each sample is representative of 250 cubic yds. We're est 500 yds needed. I'll check with HARD on the type of facility.

Thanks
Nick

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

From: Wickham, Jerry, Env. Health <jerry.wickham@acgov.org>
To: Nicholas Roy
Cc: Kris Larson
Sent: Wed Jan 26 16:24:04 2011
Subject: RE: Holland Park import material lab data

Hello Nicholas,

Please fill me in on the sampling methods:

- 1) Discrete of composite samples.
- 2) Each sample represents what volume of soil

Do you know what type of facility this soil comes from? Commercial, agricultural, mining or quarry?

Thanks,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

phone: 510-567-6791

jerry.wickham@acgov.org

From: Nicholas Roy [mailto:nroy@niyoandmoore.com]
Sent: Wednesday, January 26, 2011 3:35 PM
To: Wickham, Jerry, Env. Health
Cc: Kris Larson
Subject: Holland Park import material lab data

ACEHD correspondence 1.txt

Hello Jerry,

Please see the new import material lab data attached to this email. The contactor has told me this is virgin soil from a facility in Manteca. The results look to be BDL and near background for everything we analyzed for.

Thanks

Nicholas S. Roy
Senior Staff Environmental Scientist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 633-5640 (x5230)
nroy@ninyoandmoore.com

Experience · Quality · Commitment

ACEHD correspondence 2.txt

RE: Holland Park import material lab data
From: Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]
Sent: Wednesday, January 26, 2011 6:33 PM
To: Nicholas Roy
Cc: Kris Larson
Subject: RE: Holland Park import material lab data

Based on the information and analytical results presented to me, I have no objection to the soil described below being imported to the Holland Park site for use as fill material.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

phone: 510-567-6791

jerry.wickham@acgov.org

From: Nicholas Roy [mailto:nroy@niyoandmoore.com]
Sent: Wednesday, January 26, 2011 6:22 PM
To: Wickham, Jerry, Env. Health
Cc: Kris Larson
Subject: RE: Holland Park import material lab data

Jerry,

The import soil source is agricultural land in the Manteca area and is stockpiled at a yard there for fill purposes. I hope this along w/ my previous response answers your questions.

Thanks

Nicholas S. Roy
Senior Staff Environmental Scientist
Niyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400
Oakland, California 94612
(510) 633-5640 (x5230)
nroy@niyoandmoore.com

Experience · Quality · Commitment

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

From: Wickham, Jerry, Env. Health [mailto:jerry.wickham@acgov.org]
Sent: Wed 1/26/2011 12:24 PM
To: Nicholas Roy

ACEHD correspondence 2.txt

Cc: Kris Larson
Subject: RE: Holland Park import material lab data

Hello Nicholas,

Please fill me in on the sampling methods:

- 1) Discrete or composite samples.
- 2) Each sample represents what volume of soil

Do you know what type of facility this soil comes from? Commercial, agricultural, mining or quarry?

Thanks,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

phone: 510-567-6791

jerry.wickham@acgov.org

From: Nicholas Roy [mailto:nroy@niyoandmoore.com]
Sent: Wednesday, January 26, 2011 3:35 PM
To: Wickham, Jerry, Env. Health
Cc: Kris Larson
Subject: Holland Park import material lab data

Hello Jerry,

Please see the new import material lab data attached to this email. The contactor has told me this is virgin soil from a facility in Manteca. The results look to be BDL and near background for everything we analyzed for.

Thanks

Nicholas S. Roy
Senior Staff Environmental Scientist
Niyo & Moore
Geotechnical & Environmental Sciences Consultants
1956 Webster Street, Suite 400

ACEHD correspondence 2. txt

Oakland, California 94612
(510) 633-5640 (x5230)
nroy@niyoandmoore.com

Experience · Quality · Commitment