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15 October 2009

To Potential Recipients of Electronic Files:

Erler & Kalinowski, Inc. ("EKI") has provided our CLIENT, Hollywood Park Land Company, LLC ("HPLC") with paper copies of the *3rd Quarter 2009 Groundwater Monitoring Report,* dated 13 October 2009, prepared by EKI. An electronic copy of this report, including the text, tables, figures, and appendices, is provided as an uploaded file to the California State Water Resources Control Board ("SWRCB") GeoTracker database (http://www.geotracker.waterboards.ca.gov/) in *.pdf (i.e., Adobe Acrobat) format.

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Sincerely,

ERLER & KALINOWSKI, INC.

Jami Striegel Orloff

Jami Striegel Orloff, P.E.
Project Manager

3rd QUARTER 2009 GROUNDWATER MONITORING REPORT

Hollywood Park Racetrack and Casino
1050 South Prairie Avenue
Inglewood, California

Prepared for:

Hollywood Park Land Company, LLC

Prepared by:

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
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13 October 2009

(EKI A50015.03)

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13 October 2009

Mr. Gregg Crandall
California Regional Water Quality
Control Board, Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Subject: 3rd Quarter 2009 Groundwater Monitoring Report
Pursuant to California Water Code Section 13267 Order
Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue,
Inglewood, California, Site ID No. 2040271, SCP No. 1207
(EKI A50015.03)

Dear Mr. Crandall:

Erler & Kalinowski, Inc. is pleased to submit this *3rd Quarter 2009 Groundwater Monitoring Report* to the California Regional Water Quality Control Board, Los Angeles Region ("RWQCB"), on behalf of Hollywood Park Land Company, LLC ("HPLC"), for the Hollywood Park Racetrack and Casino property located at 1050 South Prairie Avenue in Inglewood, California. As described in the attached report, HPLC conducted this monitoring and prepared this report to satisfy certain requirements of the RWQCB's letters dated 13 August 2008, 22 August 2008, and 9 December 2008, which were issued pursuant to California Water Code Section 13267 (RWQCB, 2008a; RWQCB, 2008b; RWQCB, 2008c). This report is being submitted as required by your letter dated 13 August 2008.

This is the fourth quarterly groundwater monitoring report provided by HPLC. As discussed in the attached report, HPLC requests your concurrence that no further groundwater monitoring of wells HPLCMW-1 through HPLCMW-4 is warranted and your approval to decommission these four wells. If you have any questions, please contact me at (626) 432-5900, extension 201.

Very truly yours,

ERLER & KALINOWSKI, INC.

Jami Striegel Orloff

Jami A. Striegel Orloff, P.E.
Project Manager

cc: Mr. Douglas M. Moreland (HPLC, c/o Wilson Meany Sullivan, LP)
Mr. Patrick Dennis, Esq. (Gibson, Dunn & Crutcher, LLP)

Attachment

TABLE OF CONTENTS

Page

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

LIST OF ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
Blaine Tech	Blaine Tech Services, Inc.
CWC	California Water Code
EKI	Erler & Kalinowski, Inc.
HPLC	Hollywood Park Land Company, LLC
MCL	maximum contaminant level
µg/L	micrograms per liter
mg/L	milligrams per liter
msl	mean sea level
PCE	tetrachloroethene
Property	Hollywood Park Racetrack and Casino located at 1050 South Prairie Avenue in Inglewood, California
QA/QC	quality assurance and quality control
RWQCB	California Regional Water Quality Control Board, Los Angeles Region
TPH	total petroleum hydrocarbons
U.S. EPA	United States Environmental Protection Agency
VOCs	volatile organic compounds
Work Plan	*Technical Report and Work Plan,* prepared by EKI, dated 23 April 2008
WRDSC	Water Replenishment District of Southern California

1 INTRODUCTION

Erler & Kalinowski, Inc. ("EKI") has prepared this *3rd Quarter 2009 Groundwater Monitoring Report* on behalf of Hollywood Park Land Company, LLC ("HPLC") for the Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue in Inglewood, California (the "Property"). The location of the Property is shown on Figure 1. The groundwater monitoring event for the third quarter of 2009 was conducted by EKI on 7 July 2009, as described in the Field Methods and Procedures of the approved *Technical Report and Work Plan* prepared by EKI, dated 23 April 2008 (the "Work Plan"; EKI, 2008). The California Regional Water Quality Control Board, Los Angeles Region ("RWQCB") approved the Work Plan in a letter dated 13 August 2008 (RWQCB, 2008a). This report describes the Property, the third quarter 2009 groundwater monitoring event, which is the last of four monitoring events requested by the RWQCB, and presents the findings and conclusions based on groundwater monitoring at the Property since the four monitoring wells were installed on behalf of HPLC during October 2008.

HPLC conducted the groundwater monitoring discussed herein and prepared this report to satisfy certain requirements of the RWQCB's letters dated 13 August 2008, 22 August 2008, and 9 December 2008, which were issued pursuant to California Water Code ("CWC") Section 13267 (RWQCB, 2008a; RWQCB, 2008b; RWQCB, 2008c). Specifically, this report presents the quarterly groundwater monitoring results for the third quarter of 2009, as requested in Item 4 of the 13 August 2008 RWQCB letter (RWQCB, 2008a). Four quarters of groundwater monitoring were requested by the RWQCB for wells HPLCMW-1 through HPLCMW-4 on the Property (RWQCB, 2008a), and four quarters of monitoring were completed by EKI on behalf of HPLC. The groundwater flow direction based on measured groundwater elevations remained consistent throughout these four quarters of monitoring, and these monitoring results did not identify impacts to groundwater that appear to have been caused by releases on the Property. HPLC requests RWQCB concurrence that no further groundwater monitoring of wells HPLCMW-1 through HPLCMW-4 is warranted and RWQCB approval to decommission these four wells, as discussed herein.

1.1 Description of the Property

The Property is approximately 238 acres and is currently occupied by the Hollywood Park Racetrack and Casino. Property facilities include a main horse racetrack, Grandstand Building and clubhouse, the Pavilion/Casino Building, horse training or practice track, horse stable area, equine hospital, track and vehicle maintenance facilities, and associated paved parking and landscaped areas (see Figure 2). The Property is currently owned by HPLC.

The Property is bounded to the north by paved parking areas and the adjacent, former Cypress Fee site (which included a former oil field and gasoline plant site) that has been redeveloped as the Renaissance town home site by Watt Development; to the east by older single family residential housing and a recently developed retail shopping center; to the south by West Century Boulevard and mixed commercial uses beyond West Century Boulevard; and to the

west by South Prairie Avenue and mixed older residential and commercial uses beyond South Prairie Avenue (see Figure 2).

1.2 Background

Since HPLC's purchase of the Property in 2005, HPLC has continued the commercial horse racing facility and casino operations on the Property. In July 2006, HPLC began working with the RWQCB to review the environmental conditions at the Property for (1) its continued use as a commercial horse racing facility and casino, and (2) to develop a strategy for addressing environmental concerns during potential future redevelopment of the Property. In July 2006, HPLC and RWQCB staff agreed to implement a voluntary "two track" process for the Property. First, RWQCB staff would review and address certain environmental conditions on the Property consistent with continuation of the horse racing and casino commercial operations, i.e., "Track 1". Second, if future redevelopment of the Property were to proceed, RWQCB and HPLC would review and address environmental conditions during the overall redevelopment process in the context of the planned future land uses, i.e., "Track 2". At this time, HPLC has obtained entitlements for the project from the City of Inglewood and is actively working towards Track 2, but the Property currently remains on Track 1.

During October and November 2008, EKI conducted certain soil and groundwater investigations on behalf of HPLC, including installation of four groundwater monitoring wells (HPLCMW-1 through HPLCMW-4; see Figure 3), and subsequently prepared the *Report of Additional Subsurface Investigations*, which was submitted to the RWQCB on 21 January 2009 (EKI, 2009a). The objectives of these subsurface investigations of the Property included satisfying certain requirements of letters issued by the RWQCB pursuant to CWC Section 13267 (RWQCB, 2008a; RWQCB, 2008b; RWQCB, 2008c). Item 4 of the 13 August 2008 RWQCB letter requested four quarters of groundwater monitoring for wells HPLCMW-1 through HPLCMW-4 (RWQCB, 2008a). These four quarters of groundwater monitoring have been completed, as follows:

- the first quarterly groundwater monitoring event for wells HPLCMW-1 through HPLCMW-4 was conducted on 27 October and 14 November 2009, and results were included in the *Report of Additional Subsurface Investigations* (EKI, 2009a);
- the second quarterly groundwater monitoring event was conducted on 27 January 2009, and the results were summarized in the *1st Quarter 2009 Groundwater Monitoring Report* prepared by EKI, dated 13 April 2009 (EKI, 2009b);
- the third quarterly groundwater monitoring event was conducted on 14 April 2009, and the results were summarized in the *2nd Quarter 2009 Groundwater Monitoring Report* prepared by EKI, dated 24 June 2009 (EKI, 2009c); and
- the fourth quarterly ground water monitoring event was conducted on 7 July 2009, and the results are summarized herein.

1.3 Chevron Groundwater Monitoring Wells on HPLC Property

Chevron conducts periodic groundwater monitoring of seven wells i.e., MW-5, MW-7, MW-8, MW-10, MW-13, MW-14, and MW-15, installed on the eastern portion of the HPLC Property for purposes of monitoring total petroleum hydrocarbon ("TPH"), benzene, and tertiary butyl alcohol ("TBA") plumes that have migrated in groundwater from the former Cypress Fee site onto the HPLC Property (see locations on Figure 4). The Cypress Fee site groundwater monitoring program was initially required by the RWQCB under Waste Discharge Requirements Order 88-49, effective 25 April 1988, which was rescinded on 22 April 1999 (EKI, 2007b). Chevron continues semi-annual groundwater monitoring of these groundwater plumes as requested by the RWQCB (RWQCB, 2003; RWQCB, 2008d). Groundwater elevations measured by ARCADIS for the Chevron monitoring wells are discussed in Section 3.1.4.

In a letter to Chevron, dated 12 December 2008 and issued pursuant to CWC Section 13267, the RWQCB directed Chevron to adequately define the extent of groundwater contamination encountered on the HPLC Property and to document its efforts in technical reports, beginning with submittal of a groundwater investigation work plan by 10 March 2009 (RWQCB, 2008d). Chevron submitted a work plan to the RWQCB dated 8 April 2009 and proposed installation of two new groundwater monitoring wells south of the HPLC Property (ARCADIS, 2009a). In its letter dated 26 June 2009, the RWQCB conditionally approved the Chevron work plan, with additional requirements, including that (1) Chevron installs one additional groundwater monitoring well in the vicinity of abandoned wells MW-9 and MW-11 on the former Cypress Fee property, (2) Chevron installs one additional temporary monitoring point on the HPLC Property in the area southwest of well MW-7 and northwest of well MW-8, and (3) Chevron submits for RWQCB approval a revised map of proposed groundwater sampling locations (RWQCB, 2009a). The 26 June 2009 RWQCB letter also commented that (1) Chevron may use temporary sampling points for collection of groundwater samples from the HPLC property until following the Property's redevelopment, (2) recent groundwater sampling results indicate significant rebound of benzene, gasoline-range TPH, and TBA concentrations in Chevron's well MW-5, (3) groundwater remediation efforts by Chevron shall resume, and (4) "Regional Board staff" will include groundwater elevation data from well MW-7 in its determination of groundwater flow direction (RWQCB, 2009a).[1]

Chevron responded in a letter dated 2 July 2009, stating that it would (1) install one additional monitoring well on the former Cypress Fee property in the vicinity of wells MW-9 and MW-11, (2) collect a groundwater sample from one additional temporary sampling point on the HPLC Property, and (3) that it does not agree with the RWQCB's position on

[1] In its 12 December 2008 letter to Chevron, the RWQCB stated that it "does not accept ARCADIS' practice of disregarding groundwater elevation data points in developing groundwater contour maps and inferring groundwater flow direction at the Property," and "Until sufficient justification can be provided for excluding 'anomalous' groundwater elevation measurements, future groundwater contour maps and inferred groundwater flow directions should be based on a complete data set."

resuming groundwater remediation of the plumes migrating from the former Cypress Fee property (Chevron, 2009a).

Further, in a letter to the RWQCB dated 15 September 2009, Chevron stated that Target Corporation denied Chevron's request to install a monitoring well on its property, adjacent to the southern boundary of the HPLC Property. Chevron now proposes to install two additional temporary groundwater sampling points on the HPLC Property instead of installing two permanent groundwater monitoring wells on the adjacent properties to the south (Chevron, 2009b). In its letter dated 6 October 2009, the RWQCB approved Chevron's request to install two additional temporary groundwater sampling points on the HPLC Property (RWQCB, 2009b). The locations of these two additional, temporary groundwater sampling points on HPLC Property are unknown at this time, and access arrangements between HPLC and Chevron have not been determined.

2 SUMMARY OF 3RD QUARTER 2009 GROUNDWATER MONITORING

This section describes the third quarter 2009 groundwater monitoring event, which was conducted by EKI on behalf of HPLC on 7 July 2009. Groundwater samples were collected from HPLC's four monitoring wells, i.e. HPLCMW-1 through HPLCMW-4, located in the southern and western parking lot areas of the Property, as shown on Figure 3.

Field activities were performed by EKI personnel, under the supervision of a State of California Professional Geologist or Professional Engineer and as described in the *Site Health and Safety Plan for Investigation, Excavation, and other Remediation Activities* for EKI personnel, dated April 2007 (EKI, 2007a).

2.1 Preparatory Activities

Prior to the commencement of environmental sampling activities on the Property, EKI performed the following preparation tasks:

- coordinated with HPLC operations staff to determine access issues and scheduling limitations for field work;
- coordinated and scheduled subcontractors to perform field work; and
- identified protected locations on the Property for temporary storage of investigation-derived wastes (e.g., purge water, and equipment decontamination water) as designated by the Hollywood Park Property Manager.

Descriptions of field methods are provided in Appendix A, which are consistent with those presented in the approved Work Plan (EKI, 2008).

2.2 Location of Groundwater Monitoring Wells

The surveyed locations of HPLC's four groundwater monitoring wells are shown on Figure 3:

- Well HPLCMW-1 is located along the northern Property boundary, in a paved area northwest of the Grandstand Building. This monitoring well provides a first, northern point for establishing the local hydraulic gradient and groundwater quality on the western portion of the Property.
- Well HPLCMW-2 is located in a paved area south of the Main Track and provides a second point for establishing the local hydraulic gradient and groundwater quality on the western portion of the Property.
- Well HPLCMW-3 is located in a paved area southwest of the Grandstand Building and provides a third point for establishing the local hydraulic gradient and groundwater quality on the western portion of the Property, west of the Main Track.

- Well HPLCMW-4 is located in the northwestern portion of the Property and provides a point for establishing the local hydraulic gradient and groundwater quality on the western-most portion of the Property.
- The screen intervals of the groundwater monitoring wells are as follows:
  - HPLCMW-1 – 109 to 139 feet below ground surface ("bgs"),
  - HPLCMW-2 – 94 to 124 feet bgs,
  - HPLCMW-3 – 85 to 115 feet bgs, and
  - HPLCMW-4 – 97 to 127 feet bgs.

These well screens were installed within first-encountered groundwater, as described in the Work Plan. Screen intervals vary primarily due to the slope of the surface topography on the western portion of the Property. Construction details for these monitoring wells are summarized in Table 1. Refer to the *Report of Additional Subsurface Investigations*, dated 21 January 2009, for well installation information (EKI, 2009a).

2.3 Collection and Analysis of Groundwater Samples

Samples of groundwater were collected from four monitoring wells (HPLCMW-1 through HPLCMW-4) according to the field methods and procedures summarized in Appendix A (EKI, 2008). A summary listing of the samples collected and the analyses performed is provided in Table 2.

Groundwater elevations were measured, monitoring wells were purged, and groundwater samples were collected by Blaine Tech Services Inc. ("Blaine Tech") from each of the four groundwater monitoring wells on 7 July 2009. The measured groundwater elevations are summarized in Table 3. See Section 3 for a discussion of the monitoring results for this event.

Groundwater samples were analyzed at Calscience Environmental Laboratories, Inc. for the following:

- Volatile organic compounds ("VOCs") and fuel oxygenates using United States Environmental Protection Agency ("U.S. EPA") Method 8260B;
- Gasoline-range and diesel-range TPH using U.S. EPA Method 8015M;
- Nitrate and nitrite, reported as nitrogen, using U.S. EPA Method 300.0; and
- Perchlorate using U.S. EPA Method 314.0.

Copies of groundwater field parameter data sheets and Blaine Tech's field notes are provided in Appendix B.

2.4 Quality Assurance / Quality Control

Quality assurance / quality control ("QA/QC") sample collection and laboratory analysis protocols were performed as described in the field methods and procedures in Appendix A and as discussed below.

Field QA/QC protocols included collection of a field blank sample labeled FB-1, along with collection of an equipment rinsate blank sample, labeled EB-1, and a duplicate sample, labeled DUP-1. The duplicate sample was collected from well HPLCMW-4 on 7 July 2009. Additionally, a trip blank sample, labeled TB-1, was included with the cooler containing samples and analyzed for VOCs.

Equipment blank and field blank samples were submitted to the laboratory and placed on hold for analysis if needed. As described in Appendix A, these samples were not to be analyzed unless the analytical results for environmental samples indicated that these additional analyses were warranted. Analysis of these two samples was not performed for this event.

No significant laboratory analysis QA/QC problems were encountered during the project. Matrix spike / matrix spike duplicate results were within their laboratory-defined control limits for all analytes, and the corresponding laboratory control spike results were within their control limits. Copies of the laboratory analytical results including QA/QC results are provided in Appendix C.

2.5 Storage and Disposal of Investigation-Derived Wastes

A drum was used to contain purge and decontamination water generated during groundwater sampling activities and was temporarily stored in a waste storage area designated by the Hollywood Park Property Manager. The investigation-derived wastes are pending removal from the Property for disposal under the direction of the Hollywood Park Property Manager.

3 MONITORING RESULTS

This section describes the local geology and hydrogeology observed on the western portion of the Property and provides a summary of the results of the third quarter 2009 groundwater monitoring event.

3.1 Geology and Hydrogeology

A detailed discussion of the regional and local geology and hydrogeology in the vicinity of the Property was provided in the Work Plan (EKI, 2008). This regional information as supplemented by the recent investigations on the Property (EKI, 2009a) is discussed below.

3.1.1 Regional and Local Geology

Geologic maps of the region show that the Recent deposits are not present in the vicinity of the Property (Jennings, 1962; CGS, 2003), and that the Lakewood Formation is the surficial, first unit present below the Property. For this reason, the discussions below focus on the Lakewood Formation.

The Property is located in the Rosecrans Hills physiographic region of Los Angeles County. The shallow sediments that underlie the Property consist of the Pleistocene Lakewood Formation. Regionally, these sediments are comprised of sand, silt, silty sand, and sandy clay with occasional gravel lenses. The San Pedro Formation unconformably underlies the Lakewood Formation and generally consists of partially consolidated gravel, sand, silt, and clay (DWR, 1961; BBL, 2005b).

Sediments observed by EKI personnel during the groundwater monitoring well drilling that took place during October 2008 at the Property were generally consistent with descriptions of the Lakewood Formation. Layers of sand, silty sand, sandy silt, and clayey sand were generally encountered in these four boreholes to depths of 90 to 100 feet bgs. Below 90 to 100 feet bgs, well-graded sand, gravelly sand, sandy clay, and minor gravel were encountered to maximum drilling depths of 140 feet bgs.

3.1.2 Regional and Local Hydrogeology

The Property is located within the West Coast Groundwater Basin and the Lakewood aquifer system is the first aquifer system present below the Property (WRDSC, 2008). The Lakewood aquifer system includes, with increasing depth, the Exposition, Artesia, Gardena, and Gage aquifers. The sediments that make up the Lakewood aquifers are unconsolidated to semi-consolidated deposits consisting of a mixture of sand, silty sands, sandy silts, and sands with some gravel towards the base. The Exposition and Artesia aquifers are contemporaneous and fluvial in origin. The Gage and Gardena aquifers are contemporaneous deposits of fluvial to shallow water origin. Between the individual aquifers, lower

permeability aquicludes exist (Reichard, 2003). The thickness for the entire Lakewood aquifer system ranges between 150 and 400 feet (Reichard, 2003).

In the vicinity of the Property, the stratigraphically higher Exposition and Artesia aquifers are reported to be absent (DWR, 1961). Collectively, in the vicinity of the Property, the Gardena and Gage aquifers extend from the ground surface to approximately 150 to 250 feet bgs (EKI, 2008).

Property geologic and hydrogeologic conditions are complicated by the presence of fault zones on or in the vicinity of the Property, as discussed below. Published historical records suggest that two fault zones cross the Property as shown on Figure 3. The Potrero Fault is a well-mapped fault zone that crosses the northeastern portion of the Property in the vicinity of the Training Track (D&M, 1999; Gay, 1976; and Davis, 1986). The second fault is the approximate trace of the Inglewood (Townsite) fault that is reported to cross the southwestern portion of the Property (DWR, 1991). The presence of these two fault zones are believed to influence groundwater depth and gradient conditions at the Property, based on groundwater elevations observed on the Property, as discussed below.

3.1.3 Historical Groundwater Elevations

During prior groundwater investigations by EKI and others on the Property (EKI, 2006; BBL, 2005a; BBL, 2005b), groundwater has been encountered at depths ranging widely from approximately 70 to 170 feet bgs.

In 2005, EKI drilled soil boreholes PS-GW-1 through PS-GW-6 (locations shown on Figure 4) and measured depth to groundwater approximately one hour after reaching total depth in each borehole. The 2005 data suggest that the groundwater is generally shallowest in the southwestern portion of the Property, i.e., elevation of +18.4 feet mean sea level ("msl") at borehole PS-GW-4; at an intermediate depth in the area of the Main Track, i.e., -1.0 to -3.2 feet msl at boreholes PS-GW-1, PS-GW-2, PS-GW-3, and PS-GW-6; and deepest in the northeastern portion of the Property, i.e.,.-22.7 to -24.15 feet msl where the Chevron monitoring wells and borehole PS-GW-5 are located for purposes of monitoring Chevron's groundwater plumes. Groundwater elevations observed during July 2005 ranged from approximately -23 feet to +18 feet msl (see the Work Plan for additional information; EKI, 2008).

Groundwater flow directions were evaluated on a regional and local scale in the Work Plan (EKI, 2008), which also presented available groundwater flow directions for several sites near the Property. The regional groundwater flow direction reported by the Water Replenishment District of Southern California ("WRDSC") is toward the southeast (WRDSC, 2008); however, there is significant variability in local groundwater flow direction, depending on relative proximity to faults.

3.1.4 Current Groundwater Elevations

On 7 July 2009, groundwater elevations on the western portion of the Property, as measured in monitoring wells HPLCMW-1 through HPLCMW-4, ranged from +2.34 to +4.05 feet msl.

Groundwater elevations were calculated from measured depths to groundwater as listed in Table 3 for these four groundwater monitoring wells.

These groundwater elevations indicate that groundwater flow on the western side of the Property, i.e., west of the approximate trace of the Inglewood (Townsite) fault, is generally to the northeast. The estimated groundwater elevation isopleths on the Property for 7 July 2009 are shown on Figure 4, which includes recent available data from the Chevron wells as discussed below.

Groundwater elevations on the eastern portion of the Property were measured on 10 May 2009 by ARCADIS, on behalf of Chevron, at the existing Chevron monitoring wells that were installed on the HPLC Property to monitor the benzene, TBA, and TPH plumes associated with the former Cypress Fee site (ARCADIS, 2009b). The groundwater elevations reported by ARCADIS on the eastern portion of the Property for May 2009 ranged from -21.71 to -19.72 feet msl; therefore, groundwater on the eastern portion of the Property is deeper and at a lower elevation than on the western portion of the Property. These recent groundwater elevation measurements by ARCADIS indicate that groundwater flow in the vicinity of the former Cypress Fee site is generally toward an apparent depression in the potentiometric surface in the vicinity of monitoring well MW-7, based on the groundwater elevation isopleths prepared by EKI using the May 2009 Chevron data, as shown on Figure 4.[2] However, the groundwater flow direction at this location has varied frequently, with flow directions shifting between flows toward the southwest and toward the southeast (EKI, 2009a).

The approximate 25-foot difference in measured groundwater elevations on the western and eastern portions of the Property are believed to be due to the occurrence of faults in the subsurface that locally influence groundwater flow (EKI, 2008).

3.2 Groundwater Analytical Results

Analytical results for the groundwater samples collected on 7 July 2009 from wells HPLCMW-1 through HPLCMW-4 are presented in Table 4 and on Figure 5, which list only detected compounds; see Appendix C for complete laboratory analytical reports. Table 4 also includes prior analytical data from groundwater samples collected since the four monitoring wells were installed during October 2008. Maximum contaminant levels ("MCLs"), as established by the State of California, where available, are used to screen groundwater

[2] The lowest measured groundwater elevation for the Chevron monitoring wells since 1991 is generally reported to be in monitoring well MW-7. ARCADIS has typically excluded the groundwater elevations measured for monitoring well MW-7 for contouring purposes, although the basis for this exclusion is unknown. ARCADIS appears to have excluded the groundwater elevation data measured in monitoring well MW-7 for preparation of the groundwater contour map in its *2009 Semiannual Groundwater Monitoring Report*, dated 13 July 2009 (ARCADIS, 2009b), which results in a groundwater flow direction toward the southwest, rather than a depressed area in the vicinity of monitoring well MW-7 as indicated on Figure 4 of this report. ARCADIS reported to the RWQCB that it redeveloped selected Chevron monitoring wells and used a down-well camera to visually inspect the inside of selected wells, but did not identify any explanation for the lower groundwater elevation in well MW-7 (ARCADIS, 2009b).

analytical data and are shown at the bottom of Table 4. Compounds detected in groundwater samples at concentrations above the California MCLs are shown in bold type in Table 4. The groundwater sample data are judged to be of good quality and acceptable for the intended use on the basis of the QA/QC results presented by the laboratory. Copies of the analytical data reports prepared by the laboratory are included in Appendix C.

The groundwater monitoring results for the third quarter of 2009 sampling event for monitoring wells on the western portion of the Property, i.e., HPLCMW-1 through HPLCMW-4, are summarized as follows (see Figure 5):

- Gasoline-range TPH was not detected above the reporting limit of 50 micrograms per liter ("µg/L") in the groundwater samples collected from any of the four groundwater monitoring wells.
- Diesel-range TPH was not detected above the reporting limit of 100 µg/L in the groundwater samples collected from any of the four groundwater monitoring wells.
- Tetrachloroethene ("PCE") was not detected above the reporting limit of 1 µg/L in the groundwater samples collected from any of the four groundwater monitoring wells. VOCs were not detected in the groundwater samples collected from any of the four monitoring wells, except for 1.3 µg/L chloroform detected in the groundwater sample collected from well HPLCMW-3. This concentration of 1.3 µg/L is well below the MCL of 80 µg/L established for chloroform in groundwater.
- Nitrate as nitrogen was detected in groundwater samples collected from all four of the groundwater monitoring wells. Two detected concentrations were above the MCL of 10 milligrams per liter ("mg/L"): 15 mg/L (well HPLCMW-1) and 11 mg/L (well HPLCMW-3). Two other detected concentrations were at or below the MCL: 2.7 mg/L (well HPLCMW-2) and 10 mg/L (well HPLCMW-4).
- Nitrite as nitrogen was detected at a concentration of 0.92 mg/L in the groundwater sample collected from groundwater monitoring well HPLCMW-4, which is below the MCL of 1 mg/L. Nitrite as nitrogen was not detected above the reporting limit of 0.10 mg/L in groundwater samples collected from any of the three other groundwater monitoring wells.
- Perchlorate was detected in groundwater samples collected from three of the four groundwater monitoring wells at concentrations of 0.0041 mg/L (well HPLCMW-1), 0.0053 mg/L (well HPLCMW-3), and 0.0022 mg/L (well HPLCMW-4), which are all below the MCL of 0.006 mg/L. Perchlorate was not detected above the reporting limit of 0.002 mg/L in the groundwater sample collected from well HPLCMW-2.

As concluded in prior reports, the absence of TPH in the groundwater samples collected from monitoring well HPLCMW-3, at a location to the northeast of borehole PS-GW-4, in combination with the northeasterly groundwater flow from the former Unocal #5050 site, appears to confirm the RWQCB's determination that the TPH detected on the southwestern portion of the Property at location PS-GW-4 was associated with historical TPH releases from the former Unocal #5050 site.

The WRDSC identifies the likely source of nitrate in groundwater in the West Coast Basin, at concentrations consistent with those detected in the groundwater samples collected from the western portion of the Property, as "local surface recharge from former agricultural activities prior to the extensive land development that began in the 1950s" (WRDSC, 2008). In its 9 December 2008 letter, the RWQCB agreed that nitrate is a known regional and local groundwater issue and that prior grab groundwater samples collected at the Property contained similar, nitrate concentrations only slightly higher than the MCL (RWQCB, 2008c). The four quarters of groundwater monitoring conducted by HPLC for wells HPLCMW-1 through HPLCMW-4 show comparable, relatively low nitrate concentrations, i.e., near or below the MCL, consistent with the reported findings of nitrate as a local and regional occurrence in groundwater.

4 FINDINGS AND CONCLUSIONS

In Item 4 of its 13 August 2008 letter, the RWQCB requested that HPLC conduct four quarters of groundwater monitoring for wells HPLCMW-1 through HPLCMW-4 (RWQCB, 2008a). The requested four quarters of groundwater monitoring have been completed by HPLC.

4.1 Findings Based on Third Quarter 2009 Groundwater Monitoring

The third quarter 2009 groundwater monitoring event was conducted by EKI on 7 July 2009, on behalf of HPLC. Groundwater samples were collected from the four groundwater monitoring wells installed on the western portion of the Property during October 2008, i.e., HPLCMW-1 through HPLCMW-4. The groundwater sample analytical results for the third quarter 2009 were compared with MCLs, where available for each analyte. One analyte, i.e., nitrate as nitrogen, was detected in two of four groundwater samples at concentrations slightly higher than its MCL. Nitrate is a known regional and local groundwater issue (RWQCB, 2008c). The groundwater elevations measured during the third quarter of 2009 are similar to the groundwater elevation results measured during the previous three quarters of monitoring.

4.2 Findings Based on Four Quarters of Groundwater Monitoring

Key findings based on the four quarters of groundwater monitoring conducted for wells HPLCMW-1 through HPLCMW-4 on the Property, beginning with the first sampling event on 27 October 2008, are as follows:

- Groundwater Elevation: On the basis of the groundwater elevation measurements made for wells HPLCMW-1 through HPLCMW-4 during October 2008, November 2008, January 2009, April 2009, and July 2009, the depth to groundwater on the western portion of the Property ranges from approximately 92.5 to 120 feet bgs, i.e., approximately 2 to 4.5 feet msl in elevation.
- Groundwater Flow Direction: On the basis of the groundwater elevation measurements made during October 2008, November 2008, January 2009, April 2009, and July 2009, the estimated groundwater flow direction in the area of groundwater monitoring wells HPLCMW-1 through HPLCMW-4 is generally toward the northeast, which is consistent with the historical groundwater monitoring results reported for the nearby former Unocal #5050 site located near the southwestern corner of the Property. This groundwater flow direction is locally toward the approximate trace of the Inglewood (Townsite) fault on the western portion of the Property.
- TPH Results: Groundwater samples from the four monitoring wells HPLCMW-1 through HPLCMW-4 did not contain detectable concentrations of gasoline-range TPH, and diesel-range TPH was not detected in samples collected from wells

HPLCMW-2 and HPLCMW-3, during any of the four quarterly events. One groundwater sample collected from well HPLCMW-1 contained low, but detectable diesel-range TPH (150 µg/L on 27 January 2009), and three groundwater samples collected from well HPLCMW-4 contained low, but detectable diesel-range TPH at a maximum concentration of 130 µg/L (see Table 4).

- TPH in Groundwater near Borehole PS-GW-4: The absence of detectable TPH in groundwater samples collected from well HPLCMW-3, in combination with the historical, observed groundwater flow direction for the former Unocal #5050 located immediately southwest of the Property, confirms that the TPH concentration of 980 µg/L detected in the 30 June 2005 grab groundwater sample collected from borehole PS-GW-4 was related to the off-site releases of TPH from the former Unocal #5050 site, as discussed in Item 8 of the 22 August 2008 RWQCB letter (RWQCB, 2008b). Since October 2008, four quarterly samples of groundwater collected from monitoring well HPLCMW-3 have not contained detectable concentrations of TPH in this part of the southwestern parking lot.
- VOC Results: Groundwater samples from the four monitoring wells HPLCMW-1 through HPLCMW-4 did not contain detectable concentrations of VOCs, other than ethanol at a concentration of 110 µg/L in one groundwater sample collected from HPLCMW-2 on 14 April 2009, chloroform in two samples collected from HPLCMW-3 at a maximum concentration of 1.3 µg/L, and PCE at a concentration of 1.1 µg/L in one sample collected from HPLCMW-2 on 27 October 2009 (see Table 4).
- Perchlorate Results: Low concentrations of perchlorate, below the MCL of 0.006 mg/L, were detected in at least one groundwater sample collected from each of the four monitoring wells during the four quarters of groundwater monitoring (see Table 4). As discussed in the Work Plan (EKI, 2008), these low concentrations of perchlorate are likely associated with regional water quality issues.
- Nitrate Results: Nitrate as nitrogen was detected at concentrations above its respective MCL in groundwater samples collected from two of the four monitoring wells, i.e., HPLCMW-1 and HPLCMW-3, on the western portion of the Property. The detected nitrate concentrations (see Table 4) are only slightly above the MCL of 10 mg/L and are likely associated with known regional water quality issues (EKI, 2008; RWQCB, 2008c).
- Nitrite Results: Nitrite was not detected in groundwater samples collected during the four quarters of monitoring, except in samples collected from well HPLCMW-4 during the two most recent events, i.e., 1.1 mg/L on 14 April 2009 and 0.92 mg/L on 7 July 2009. Well HPLCMW-4 is located near the western Property boundary. The detected nitrite concentrations are either below or slightly above the MCL of 1 mg/L and are likely associated with known regional groundwater occurrences of nitrogen compounds.

The apparent groundwater flow direction, i.e., generally toward the northeast, on the western portion of the Property remained consistent throughout the four quarters of monitoring. These groundwater monitoring results provide additional information regarding regional

groundwater issues, such as low, but detectable concentrations of nitrate, nitrite, and perchlorate in some groundwater samples on the Property, which appear to be related to regional groundwater issues. Other compounds, for which analyses were routinely conducted as described in Section 2.3, were not detected or not found at concentrations above respective MCLs in groundwater on the western and southern portions of the Property. Thus, these monitoring results did not identify impacts to groundwater that would be indicative of releases on the Property.

4.3 Request to Decommission Monitoring Wells

On the basis of the completed four quarters of monitoring and analytical data and the findings summarized above, no further monitoring of wells HPLCMW-1 through HPLCMW-4 at the Property is warranted. The requirements to install and sample these four monitoring wells as provided in the RWQCB's letters dated 13 August 2008, 22 August 2008, and 9 December 2008 (RWQCB, 2008a; RWQCB, 2008b; RWQCB, 2008c) have been completed. Thus, HPLC requests RWQCB concurrence that it is appropriate to discontinue groundwater sampling from the monitoring wells HPLCMW-1 through HPLCMW-4. Additionally, HPLC requests RWQCB approval to decommission these four groundwater monitoring wells at HPLC's convenience and according to Los Angeles County Department of Public Health, Environmental Health Division ("LACDPH") and State of California guidelines, after obtaining appropriate permits from LACDPH. Once your approval for well decommissioning has been granted, HPLC will notify the RWQCB at least 72 hours in advance of any planned well decommissioning activities and will provide a copy of the LACDPH permit to the RWQCB within approximately 30 days following well decommissioning.

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TABLE 1

Construction Details of Groundwater Monitoring Wells

Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue, Inglewood, California

Monitoring Well	Date Installed	Borehole Depth (feet bgs)	Screen Interval Length (feet)	Screen Interval (feet bgs)	Casing Diameter (inches)	Auger Outside Diameter (inches)	Construction Material		Screen Slot Size (inches)	Filter Pack Sand Size
							Casing	Screen		
HPLCMW-1	10/14/2008	141.5	30	109 to 139	4	10	PVC	PVC	0.02	#3
HPLCMW-2	10/17/2008	126	30	94 to 124	4	10	PVC	PVC	0.02	#3
HPLCMW-3	10/16/2008	116.5	30	85 to 115	4	10	PVC	PVC	0.02	#3
HPLCMW-4	10/15/2008	131.5	30	97 to 127	4	10	PVC	PVC	0.02	#3

Abbreviations:

bgs = below ground surface

PVC = polyvinyl chloride

TABLE 2

Summary of Samples Analyzed and Analytical Methods Used

Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue, Inglewood, California

Sample ID	Date	Matrix	Selected Analytical Methods (a)						
			VOCs U.S. EPA Method 8260B	**Fuel Oxygenates** U.S. EPA Method 8260B	**TPH Gasoline-range** U.S. EPA Method 8015B mod	**TPH Diesel-range** U.S. EPA Method 8015B mod	**Perchlorate** U.S. EPA Method 314.0	**Nitrate as Nitrogen, Nitrite as Nitrogen** U.S. EPA Method 300.0	**Samples Placed On Hold**
HPLCMW-1	07/07/09	Water	X	X	X	X	X	X	
HPLCMW-2	07/07/09	Water	X	X	X	X	X	X	
HPLCMW-3	07/07/09	Water	X	X	X	X	X	X	
HPLCMW-4	07/07/09	Water	X	X	X	X	X	X	
DUP-1 (b)	07/07/09	Water	X	X	X	X	X	X	
EB-1	07/07/09	Water							X
FB-1	07/07/09	Water							X
TB-1	07/07/09	Water	X	X					

Abbreviations:
TPH = total petroleum hydrocarbons
U.S. EPA = United States Environmental Protection Agency
VOCs = volatile organic compounds

Notes:
(a) Samples were analyzed by Calscience Environmental Laboratories, Inc. in Garden Grove, California.
(b) Sample DUP-1 was collected from groundwater monitoring well HPLCMW-4.

TABLE 3

Groundwater Elevations in Monitoring Wells

Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue, Inglewood, California

Monitoring Well	Date	Reference Elevation (feet msl) (a)	Depth to Groundwater (feet bgs) (b)	Depth to bottom (feet bgs) (c)	Groundwater Elevation (feet msl)
HPLCMW-1	10/27/08	121.91	119.80	139.3	2.11
	11/14/08		119.37	--	2.54
	01/29/09		119.27	139.23	2.64
	04/14/09		119.60	139.23	2.31
	07/07/09		119.57	139.19	2.34
HPLCMW-2	10/27/08	109.42	105.41	123.91	4.01
	11/14/08		105.28	--	4.14
	01/29/09		105.00	124.16	4.42
	04/14/09		105.10	123.95	4.32
	07/07/09		105.37	124.08	4.05
HPLCMW-3	10/27/08	96.72	92.87	115.12	3.85
	11/14/08		92.48	--	4.24
	01/29/09		93.06	115.23	3.66
	04/14/09		92.43	115.02	4.29
	07/07/09		92.73	115.07	3.99
HPLCMW-4	10/27/08	116.54	113.13	126.91	3.41
	11/14/08		112.79	--	3.75
	01/29/09		113.04	127.41	3.50
	04/14/09		112.86	127.50	3.68
	07/07/09		112.99	127.50	3.55

TABLE 3

Groundwater Elevations in Monitoring Wells

Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue, Inglewood, California

Abbreviations:

-- = not measured
bgs = below ground surface
msl = mean sea level

Notes:

(a) Top of casing elevations were surveyed on 27 October 2008 by Hall & Foreman, Inc.
(b) The depth to groundwater measurements listed above were recorded prior to initiating low-flow purging activities described in Appendix A.
(c) Depth to groundwater and depth to bottom of each well were measured from surveyed top of casing.
(d) The depth to bottom of each well was measured within the well casing, following groundwater sampling activities.

TABLE 4

Summary of Compounds Detected in Groundwater Samples

Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue, Inglewood, California

Sample Location	Sample ID	Sample Date	Analytical Results						
			(µg/L)				(mg/L)		
			TPH Diesel-range	Ethanol	Chloroform	Tetrachloroethene	Nitrate as Nitrogen	Nitrite as Nitrogen	Perchlorate
HPLCMW-1	HPLCMW-1	10/27/2008	<100	<100	<1.0	<1.0	(a)	<0.10	0.0043
	HPLCMW-1	11/14/2008	--	--	--	--	**15**	<0.10	--
	HPLCMW-1	1/27/2009	150	<100	<1.0	<1.0	**15**	<0.10	0.0020
	HPLCMW-1	4/14/2009	<100	<100	<1.0	<1.0	**15**	<0.10	<0.002
	DUP-1	4/14/2009	<100	<100	<1.0	<1.0	**15**	<0.10	<0.002
	HPLCMW-1	7/7/2009	<100	<100	<1.0	<1.0	**15**	<0.10	0.0041
HPLCMW-2	HPLCMW-2	10/27/2008	<100	<100	<1.0	1.1	4.3	<0.10	0.0037
	HPLCMW-2	11/14/2008	--	--	--	--	4.9	<0.10	--
	HPLCMW-2	1/27/2009	<100	<100	<1.0	<1.0	3.3	<0.10	<0.002
	HPLCMW-2	4/14/2009	<100	110	<1.0	<1.0	3.8	<0.10	<0.002
	HPLCMW-2	7/7/2009	<100	<100	<1.0	<1.0	2.7	<0.10	<0.002
HPLCMW-3	HPLCMW-3	10/27/2008	<100	<100	<1.0	<1.0	(a)	<0.10	0.0039
	DUP-1	10/27/2008	<100	<100	<1.0	<1.0	(a)	<0.10	0.0049
	HPLCMW-3	11/14/2008	--	--	--	--	9.6	<0.10	--
	DUP-2	11/14/2008	--	--	--	--	9.2	<0.10	--
	HPLCMW-3	1/27/2009	<100	<100	1.2	<1.0	**11**	<0.10	0.0029
	DUP-1	1/27/2009	<100	<100	<1.0	<1.0	**11**	<0.10	0.0031
	HPLCMW-3	4/14/2009	<100	<100	<1.0	<1.0	**16**	<0.10	<0.002
	HPLCMW-3	7/7/2009	<100	<100	1.3	<1.0	**11**	<0.10	0.0053
HPLCMW-4	HPLCMW-4	10/27/2008	120	<100	<1.0	<1.0	3.3	<0.10	<0.002
	HPLCMW-4	11/14/2008	--	--	--	--	3.4	<0.10	--
	HPLCMW-4	1/27/2009	130	<100	<1.0	<1.0	3.2	<0.10	<0.002
	HPLCMW-4	4/14/2009	110	<100	<1.0	<1.0	7.6	**1.1**	<0.002
	HPLCMW-4	7/7/2009	<100	<100	<1.0	<1.0	10	0.92	0.0022
	DUP-1	7/7/2009	<100	<100	<1.0	<1.0	10	0.92	0.0022
California Primary MCLs (CCR, 2009)			na	na	80	5	10	1	0.006

TABLE 4

Summary of Compounds Detected in Groundwater Samples

Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue, Inglewood, California

Abbreviations:

-- = analysis not performed
<0.50 = compound not detected at or above indicated laboratory reporting limit
MCLs = maximum contaminant levels
µg/L = micrograms per liter
mg/L = milligrams per liter
na = not available
TPH = total petroleum hydrocarbons

Detected concentrations above MCLs are shown above in **bold** text.

Notes:

(a) The nitrate analysis for this sample was performed outside the allowable hold time of 48 hours, resulting in estimated concentrations of nitrate as nitrogen as follows: 15 mg/L (HPLCMW-1); 11 mg/L (HPLCMW-3); and 11 mg/L (In the DUP-1 sample collected from well HPLCMW-3). A resampling event for nitrate was performed on 14 November 2008.

References:

CCR, 2009. Maximum Contaminant Levels for Inorganic and Organic Chemicals, California Code of Regulations ("CCR"), Title 22, Division 4, Chapter 15, Article 4, Section 64431 and Article 5.5, Section 64444.

Reference: The Thomas Guide Digital Edition, State of California, 2003/2004.

Note:

1. All locations are approximate.

N

0 10000 20000

(Approximate Scale in Feet)

Erler & Kalinowski, Inc.

Hollywood Park Location Map

Hollywood Park
Inglewood, CA
October 2009
EKI A50015.03

Figure 1

20091002,1356,3678 G:\A50015.03\Oct09\FIGURE 1 -- HOLLYWOOD PARK LOCATION MAP.dwg Figure 01

N

0 400 800

(Approximate Scale in Feet)

Legend:

Approximate Property Boundary

Notes:

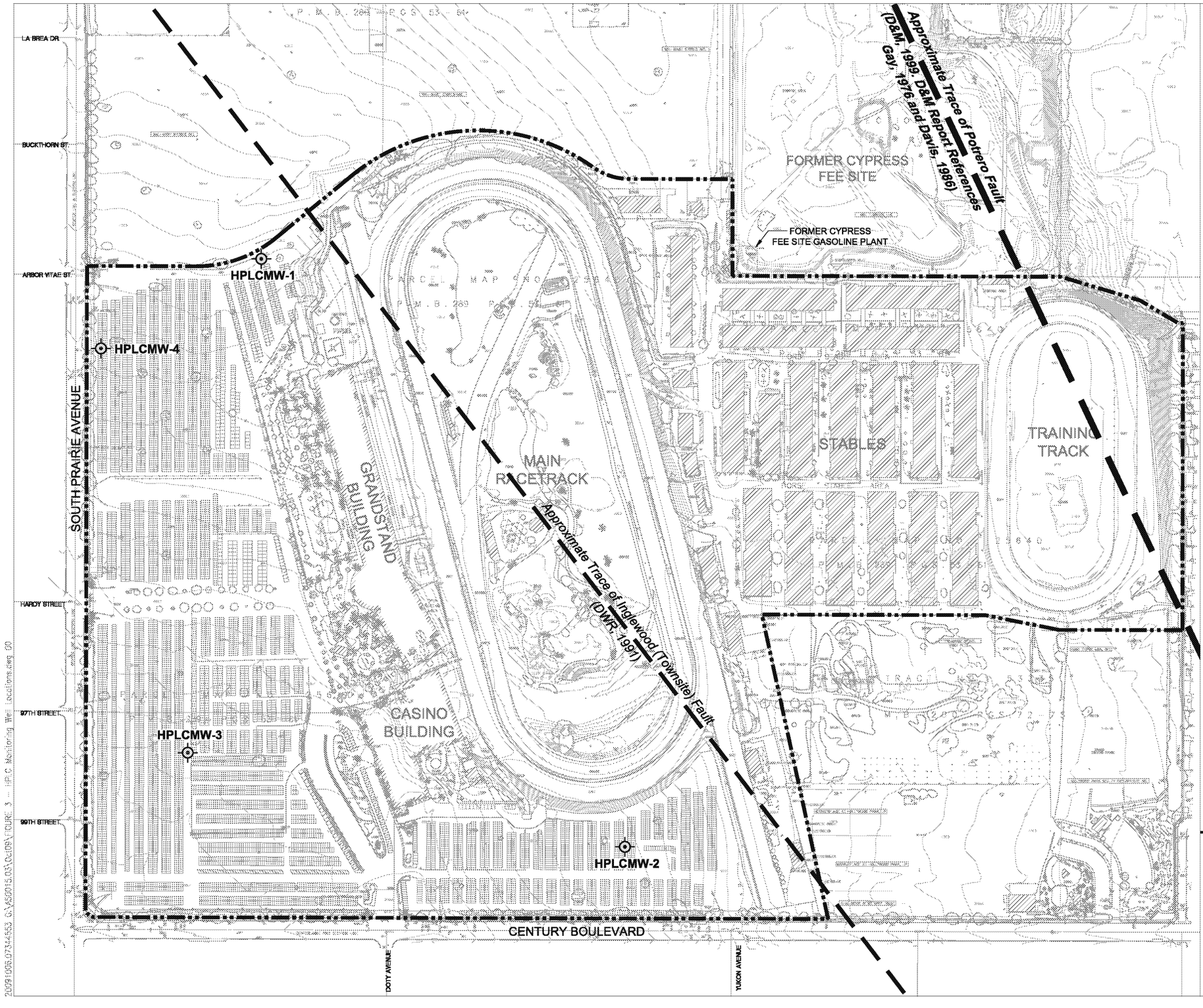
1. All locations are approximate.
2. Satellite photo dated approximately 31 July 2007 from Google Earth Pro.

Erler & Kalinowski, Inc.

Existing Property Features

Hollywood Park
Inglewood, CA
October 2009
EKI A50015.03
Figure 2

20091002 13:56:07 G:\A50015.03\Cad\Fig 2 - EXISTING PROPERTY FEATURES.dwg



N

0 400 800

(Approximate Scale in Feet)

Legend:

- Approximate Property Boundary
- Groundwater Monitoring Well (EKI, 2008)

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1. D&M, 1999. *Seismic and Structural Review and Property Condition Assessment, Hollywood Park Racetrack & Casino, Located at 3883 W. Century Blvd., Inglewood, California.* Dames & Moore, Inc., 7 May 1999.
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4. Gay, Jr.,T.E.,1976. *Special Studies Zone, Inglewood Quadrangle*, California Division of Mines and Geology, 1976.

Notes:

1. All locations are approximate.
2. Basemap source: ALTA/ACSM Land Title Survey for Hollywood Park, Inc. prepared by PSOMAS, West Los Angeles, California, updated 20 July 2005.
3. Locations of HPLC monitoring wells surveyed by Hall & Foreman, Inc., 27 October 2008.

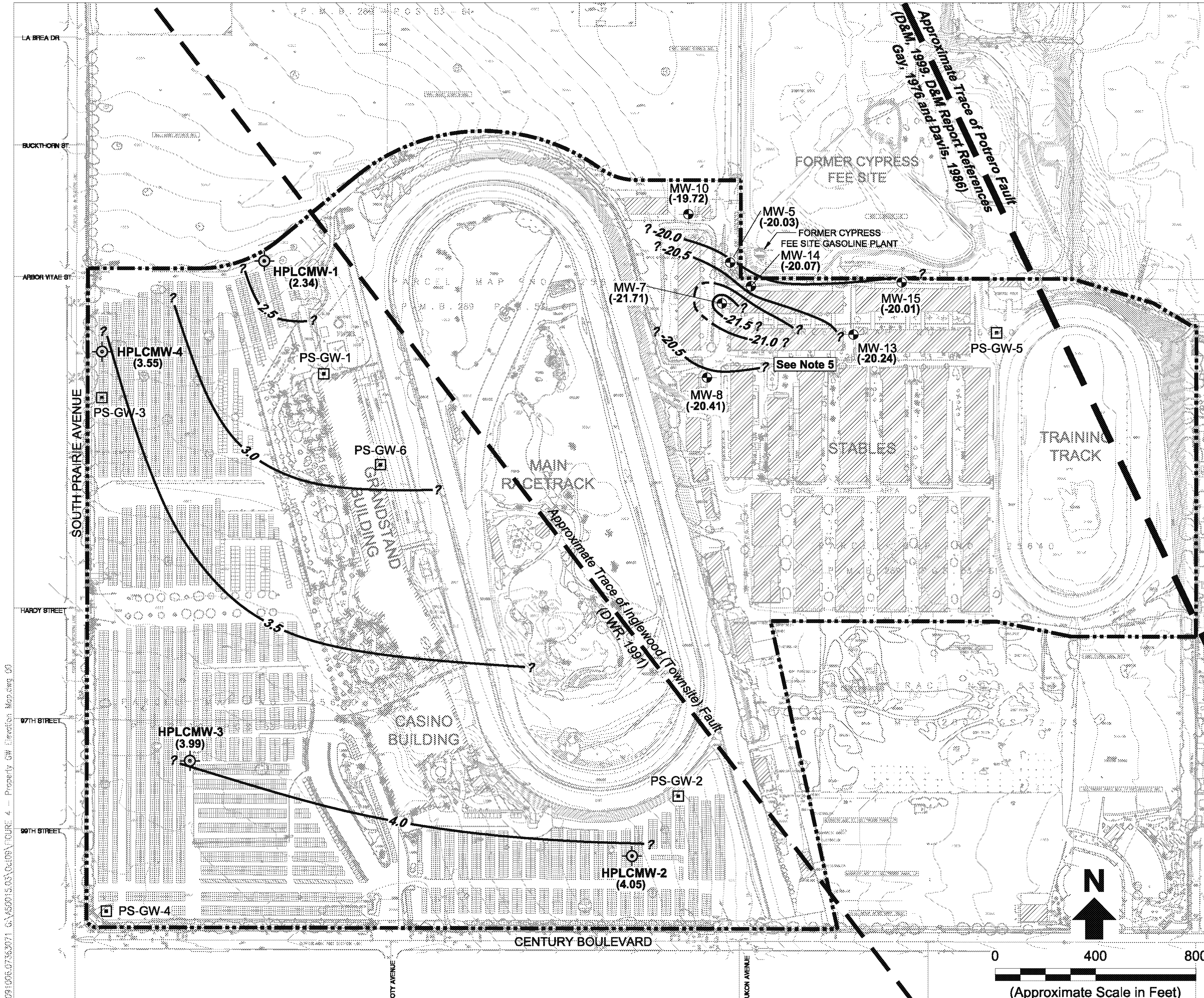
Erler & Kalinowski, Inc.

HPLC Monitoring Well Locations

Hollywood Park
Inglewood, CA
October 2009
EKI A50015.03

Figure 3

2009\10\50015.03\Graphics\A50015.03\Oct09\FIGURE 3 - HPLC Monitoring Well Locations.dwg 50



Legend:

- Approximate Property Boundary
- Groundwater Monitoring Well (EKI, 2008)
- Existing Chevron Monitoring Well
- Grab Groundwater Sampling Location (EKI, 2005)
- 3.5 Groundwater Elevation Contour (ft msl)
- (3.99) Groundwater Elevation (ft msl)
- ft msl feet mean sea level

References:

1. D&M, 1999. *Seismic and Structural Review and Property Condition Assessment, Hollywood Park Racetrack & Casino, Located at 3883 W. Century Blvd., Inglewood, California.* Dames & Moore, Inc., 7 May 1999.
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4. Gay, Jr.,T.E.,1976. *Special Studies Zone, Inglewood Quadrangle*, California Division of Mines and Geology, 1976.
5. ARCADIS, 2009. *2009 Semiannual Groundwater Monitoring Report, Cypress Fee Property, Inglewood, California,* ARCADIS, 13 July 2009.

Notes:

1. All locations are approximate.
2. Basemap source: ALTA/ACSM Land Title Survey for Hollywood Park, Inc. prepared by PSOMAS, West Los Angeles, California, updated 20 July 2005.
3. Grab groundwater sampling locations surveyed by PSOMAS, 11 through 14 July 2005.
4. Locations of HPLC monitoring wells surveyed by Hall & Foreman, Inc., 27 October 2008.
5. Groundwater elevations for Chevron monitoring wells were measured by ARCADIS on 18 May 2009 (ARCADIS, 2009).
6. Groundwater elevations for HPLC monitoring wells were measured by Blaine Tech Services, Inc. on 7 July 2009.

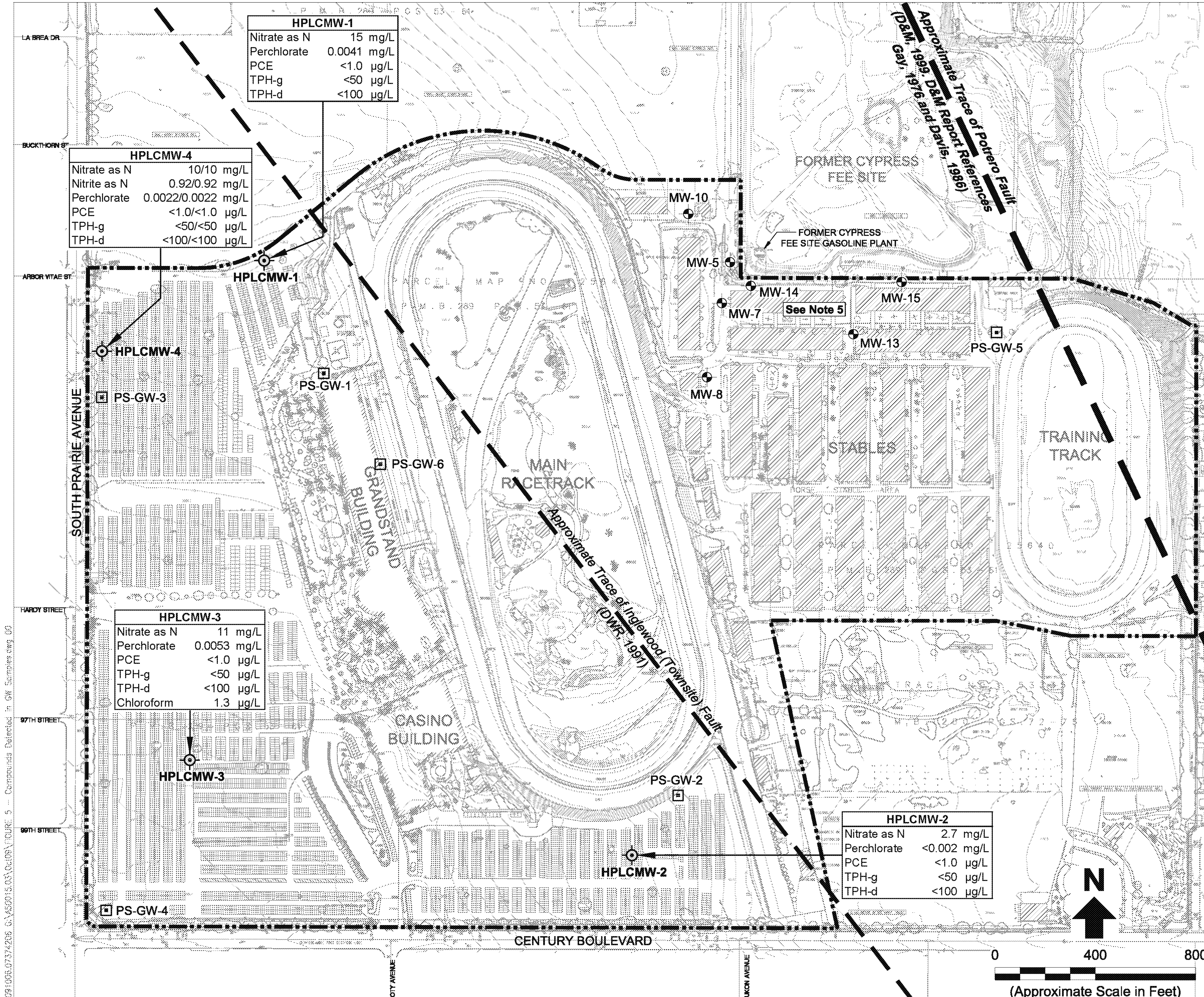
Erler & Kalinowski, Inc.

Property Groundwater Elevation Map
7 July 2009

Hollywood Park
Inglewood, CA

October 2009
EKI A50015.03

Figure 4



Legend:

- Approximate Property Boundary
- Groundwater Monitoring Well (EKI, 2008)
- Existing Chevron Monitoring Well
- Grab Groundwater Sampling Location (EKI, 2005)

Abbreviations:

µg/L	= micrograms per liter
mg/L	= milligrams per liter
N	= nitrogen
PCE	= tetrachloroethene
TPH-d	= diesel-range total petroleum hydrocarbons
TPH-g	= gasoline-range total petroleum hydrocarbons

References:

1. D&M, 1999. *Seismic and Structural Review and Property Condition Assessment, Hollywood Park Racetrack & Casino, Located at 3883 W. Century Blvd., Inglewood, California.* Dames & Moore, Inc., 7 May 1999.
2. Davis, J.F., 1986. *Preliminary Special Studies Zone Review Map, Inglewood Quadrangle*, California Division of Mines and Geology, 1986.
3. DWR, 1991. *Water Service in the West Coast Basin, Los Angeles County*, State of California Department of Water Resources, September 1991.
4. Gay, Jr.,T.E.,1976. *Special Studies Zone, Inglewood Quadrangle*, California Division of Mines and Geology, 1976.

Notes:

1. All locations are approximate.
2. Basemap source: ALTA/ACSM Land Title Survey for Hollywood Park, Inc. prepared by PSOMAS, West Los Angeles, California, updated 20 July 2005.
3. Grab groundwater sampling locations surveyed by PSOMAS, 11 through 14 July 2005.
4. Locations of October 2008 monitoring wells surveyed by Hall & Foreman, Inc., 27 October 2008.
5. Groundwater samples were collected from monitoring wells HPLCMW-1 through HPLCMW-4 on 7 July 2009. Samples were not collected from Chevron monitoring wells.

Erler & Kalinowski, Inc.

Compounds Detected
in Groundwater Samples
7 July 2009

Hollywood Park
Inglewood, CA

October 2009
EKI A50015.03

Figure 5

APPENDIX A

Field Methods and Procedures

APPENDIX A
Field Methods and Procedures
Hollywood Park Racetrack and Casino
1050 South Prairie Avenue, Inglewood, California

This appendix describes general field methods and procedures utilized by Erler & Kalinowski, Inc. ("EKI") and our subcontractors during groundwater monitoring of the Hollywood Park Racetrack and Casino property in Inglewood, California (the "Property") conducted during the third quarter of 2009. This appendix includes the following:

- collection procedures for groundwater samples;
- protocols for field and laboratory quality control samples;
- equipment decontamination procedures; and
- management of investigation-derived waste.

The field methods and procedures provided herein include selected, applicable portions of the field methods and procedures included in the *Technical Report and Work Plan* approved by the RWQCB (EKI, 2008; RWQCB, 2008a).

Field activities (including oversight of sampling activities, collection of groundwater samples, and chain-of-custody documentation) were performed by EKI personnel under the supervision of a State of California Professional Geologist or Professional Engineer, and as described in the *Site Health and Safety Plan for Investigation, Excavation, and other Remediation Activities* for EKI personnel, dated April 2007.

A.1 Groundwater Sample Collection Procedures

As described in the text, four groundwater monitoring wells (HPLCMW-1 through HPLCMW-4) were installed on the western portion of the Property during October 2008. Each of these four groundwater monitoring wells was sampled during the third quarter 2009 monitoring event.

On the day groundwater samples were collected, all well caps were removed and groundwater levels were allowed to equilibrate while sampling preparations were made in the field. Then, prior to well purging, the depth to water was measured from the top of each monitoring well casing or protective casing and was recorded in hundredths of a foot. Depth to groundwater was measured using an electric or battery-powered sounder or probe. Based on available data for the Property and nearby sites, floating product was not anticipated to be present. However, a new disposable bailer was used to check for the presence of floating product. The depth to the bottom of the well was measured after groundwater sampling, to minimize disturbing sediments at the bottom of the well prior to sample collection.

Low flow purging and sampling techniques were used during the sampling of each groundwater monitoring well to minimize the potential for entraining fine sediments, and

mixing and possibly aerating groundwater. Low flow purging and sampling techniques were consistent with industry standards.

During low flow purging and sampling, a bladder pump was used to purge each well. The pump was lowered to the approximate midpoint of the saturated interval of the well screen. Ideally, the flow was low enough to limit the drawdown in the well to approximately 0.3 feet, typically using a purge rate of 100 to 500 milliliters per minute ("mL/min").

The wells were monitored during purging for drawdown, pH, temperature, conductivity, dissolved oxygen ("DO"), and turbidity using a multi-parameter instrument. The instrument was calibrated prior to use. Measurements of drawdown and these five water quality parameters were recorded approximately every five minutes. Purging was considered complete when pH, conductivity, turbidity, and DO stabilized for three successive readings, or when purging was considered sufficient based on field observations.

If substantial drawdown was observed at a rate of 100 mL/min, the low flow purging technique was not used. In these cases, the entire volume of the well casing was removed using the pump. If possible, three casing volumes of groundwater were removed by pumping the well to dryness. The well was allowed to recover to 80 percent of the original volume (or a maximum of two hours) and then sampled. The time required to purge a well was recorded.

Following purging, samples of groundwater were collected directly from the outlet of the pump into pre-cleaned containers supplied by the laboratory, preserved as specified by the laboratory for the analytical methods to be conducted on the samples. A sample label was attached to each sample container. The label included a unique sample identification number and the time and date the sample was collected. Labeled sample containers were placed in zip-closure plastic bags and temporarily stored and transported to the analytical laboratory in a cooled container. Groundwater samples intended for laboratory analyses were submitted to, and analyzed by, a state-certified analytical laboratory under chain-of-custody control. The analytical methods for chemical analysis of groundwater samples collected from the four monitoring wells are presented in Section 2.3 of the text.

A.2 Quality Control Samples

The quality control sampling program implemented for the Property consisted of field quality control samples and laboratory quality control samples, as described below.

A.2.1 Field Quality Control Samples

A single duplicate groundwater sample was collected from monitoring well HPLCMW-4 and was analyzed using the methods described in Section 2.3 of the text. The location for collection of the duplicate sample was selected in the field. The sample was collected at a location considered to have sufficient volume of water available for sampling.

The duplicate sample was preserved, packaged, and sealed in the same manner as other samples of the same matrix. A separate sample number was assigned to the duplicate sample, and it was submitted blind to the laboratory.

A.2.2 Field Quality Control Samples

Trip blanks were pre-prepared and provided by the analytical laboratory. Trip blanks were stored and shipped with collected samples to evaluate if the shipping and handling procedures introduced contaminants into the groundwater samples, and if cross contamination in the form of volatile organic compound ("VOC") migration had occurred between the collected samples. The sealed trip blanks received from the laboratory were not opened in the field and were returned to the laboratory inside each cooler that contained collected soil or groundwater samples intended for VOC analyses. A minimum of one trip blank was submitted to the laboratory with every shipment of collected samples intended for VOC analyses. The trip blanks were chilled, packaged, and sealed in the manner described above for the environmental samples. A separate sample number and station number was assigned to each trip blank sample. The trip blank samples were analyzed for VOCs according to the methods outlined in Section 2.3.

One equipment blank sample was collected during groundwater sampling by pouring distilled water into a new bailer, then transferring the water into sample containers. One field blank sample was collected during groundwater sampling to evaluate whether contaminants had been introduced into the samples during the sampling due to ambient conditions or from sample containers. Field blank samples were obtained by pouring distilled water into a sampling container at the sampling point. The field blank and equipment blank samples were preserved, packaged, and sealed in the manner described above for the environmental samples. A separate sample number and station number were assigned to each sample. Equipment blank and field blank samples were submitted to the laboratory and placed on hold. These samples were not to be analyzed unless the analytical results for environmental samples indicated that these additional analyses were warranted. The equipment blank and field blank samples were not analyzed.

For each cooler that was shipped or transported to an analytical laboratory, a 40-milliliter volatile organic analysis vial was included that was marked "temperature blank." This blank was used by the sample custodian and laboratory to check the temperature of samples upon receipt.

A.2.3 Laboratory Quality Control Samples

For water samples, double volumes of samples are typically supplied to the laboratory for its use for quality control purposes. Two sets of water sample containers were filled and all containers were labeled with a single sample number. For VOC samples this resulted in eight vials being collected instead of five.

The laboratory was alerted as to which sample was to be used for quality control analysis by a notation on the sample container label and the chain-of-custody record or packing list.

For this sampling event, the locations for collection of laboratory quality control samples were determined in the field and were primarily dependent upon the volume of groundwater available for sampling at each location.

A.3 Equipment Decontamination

Downhole equipment was decontaminated prior to sampling each well to reduce the potential for cross-contamination. Decontamination was accomplished by either a) steam cleaning or b) washing in a solution of Alconox® or equivalent non-phosphate detergent, followed by rinsing with clean water and distilled water. Unused, pre-cleaned disposable sampling equipment was utilized to reduce the potential for cross-contamination.

A.4 Investigation-Derived Wastes

Sampling wastes generated during field activities described herein were containerized in drums, labeled, and temporarily stored on the Property, at a location designated by Hollywood Park personnel, until appropriate disposal at an off-site, permitted facility was arranged by the Hollywood Park Property Manager.

APPENDIX B

Field Measurements and Data

This Appendix B includes the following:

- Blaine Tech Services, Inc. Well Gauging Data Sheets
- Table B-1 Groundwater Field Parameter Data

WELL GAUGING DATA

Project # 090707-PSI Date 07.07.09 Client EKI

Site 1050 S. Prairie Ave, Hollywood Park

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
HPLCmw-1	850	4					119.57	139.19		
HPLCmw-2	1125	4					105.37	124.08		
HPLCmw-3	1018	4					92.73	115.07		
HPLCmw-4	736	4					112.99	127.50		

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090707-PS1	Client: EKI
Sampler: BS	Start Date: 07.07.09
Well I.D.: HPLCMW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 139.19	Depth to Water: 119.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump

Sampling Method: Dedicated Tubing | New Tubing | Other ___

Flow Rate: 400mL/min @ 858 | Pump Depth: 130'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
901	22.99	7.20	1874	9	4.36	156.1	1200	119.62
904	23.00	7.20	1873	30	4.50	154.9	2400	119.61
907	22.90	7.22	1873	95	4.74	151.9	3600	119.62
910	22.91	7.23	1875	54	5.09	150.6	4800	119.60
913	22.96	7.23	1873	51	5.16	150.7	6000	119.61
916	23.02	7.24	1874	49	5.21	150.5	7200	119.62

Sample I.D.: HPLCMW-1 @ 920 | Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D | Other: See SOW

Equipment Blank I.D.: EB-1 @ 830 (Time) | Duplicate I.D.:

Field Blank ID: FB-1 @ 835

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090707.151	Client: EKI
Sampler: B	Start Date: 07.07.09
Well I.D.: HPLC mw-2	Well Diameter: 2 3 4 6 8 ___
Total Well Depth: 124.08	Depth to Water: 105.37
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___
Flow Rate: 400 mL/min @ 1131 | Pump Depth: 110'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1134	23.21	7.29	2261	13	3.42	141.9	1200	105.38
1137	23.73	7.25	2277	8	1.14	130.6	2400	105.38
1140	23.50	7.24	2276	5	0.86	125.7	3600	105.39
1143	23.40	7.23	2274	4	0.64	120.6	4800	105.39
1146	23.37	7.23	2274	3	0.61	116.8	6000	105.38
1149	23.35	7.21	2271	3	0.64	112.8	7200	105.38

Did well dewater? Yes No | Amount actually evacuated: 7200 mL
Sampling Time: 1150 | Sampling Date: 07.07.09
Sample I.D.: HPLC mw-2 | Laboratory: Calscience
Analyzed for: TPH-G BTEX MTBE TPH-D | Other: See SOW
Equipment Blank I.D.: @ Time | Duplicate I.D.:

- MS/MSD Taken -

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090707.PS1	Client: EKI
Sampler: BS	Start Date: 07.07.09
Well I.D.: HPLCMW-3	Well Diameter: 2 3 4 6 8 ____
Total Well Depth: 115.07	Depth to Water: 92.73
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ____

Flow Rate: 400 mL/min @ 1026 | Pump Depth: 103'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
1029	25.36	7.35	1352	24	3.51	152.4	1200	92.76
1032	24.35	7.31	1351	7	2.89	143.2	2400	92.76
1035	24.27	7.30	1348	6	2.82	141.2	3600	92.76
1038	24.15	7.27	1346	7	2.67	136.4	4800	92.77
1041	24.09	7.27	1346	6	2.66	131.6	6000	92.77

Sample I.D.: HPLCMW-3 @ 1050 | Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D | Other: See SOW

Equipment Blank I.D.: @ Time | Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 090707-PS1	Client: EKI
Sampler: PS	Start Date: 07.07.09
Well I.D.: HPLLmw-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 127.50	Depth to Water: 112.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump
Sampling Method: Dedicated Tubing | New Tubing | Other ___

Flow Rate: 1 gpm @ 744 | Pump Depth: 126'

Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water
747	22.28	7.26	1856	40	1.09	158.6	3	117.86
750	22.92	7.33	1840	27	0.88	122.0	6	120.01
753	23.07	7.38	1790	24	1.23	93.1	9	122.24
756	23.28	7.37	1791	35	1.34	78.9	12	123.86
759	23.47	7.36	1807	32	1.34	67.9	15	125.31
	- well dewatered @ 15.0 gallons -							
945	22.14	7.45	1756	38	3.88	159.6	—	113.14

Sample I.D.: HPLLmw-4 @ 945 | Laboratory: Calscience

Analyzed for: TPH-G BTEX MTBE TPH-D | Other: See SOW

Equipment Blank I.D.: @ Time | Duplicate I.D.: Dup-1

TB-1 @ 800

WELLHEAD INSPECTION CHECKLIST

Client EKI Date 07.07.09

Site Address 1050 S. Prairie Ave, Hollywood Park

Job Number 090707.PS1 Technician PS

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12" or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
HPLCMW-1	✓	✓	✓							
HPLCMW-2	✓	✓	✓							
HPLCMW-3	✓	✓	✓							
HPLCMW-4	✓	✓	✓							

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	EKI @ Hollywood Park			PROJECT NUMBER	090707.PS1		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI 556 Flow cell	07L100894	07.07.09 715	pH: 7.0, 10.0, 4.0 cond - 3900 uS	7.0, 10.0, 4.0 3900 uS	Y	23°C	JS
			DO: 100% sat ORP: 234 mV	100 % 234.0 mV	Y		

APPENDIX B
TABLE B - 1
Groundwater Field Parameter Data
Hollywood Park Racetrack and Casino, 1050 South Prairie Avenue, Inglewood, California

Monitoring Well	Date	Time	Matrix	Field Measurements (a,b)						Depth to water at time of measurement (feet bgs)
				Temperature (°C)	pH	Specific Conductance (µS/cm)	Turbitity (NTU)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	
HPLCMW-1	10/27/08	12:19	Water	27.28	7.26	1,901	111	3.6	-52.9	119.84
	11/14/08	8:05	Water	26.25	7.06	2,154	56	3.47	100.5	119.53
	01/27/09	9:37	Water	21.64	7.22	2,016	34	3.38	54.4	120.03
	04/14/09	9:37	Water	22.09	7.24	1,831	38	4.11	15.8	119.61
	07/07/09	9:16	Water	23.02	7.24	1,874	49	5.21	150.5	119.62
HPLCMW-2	10/27/08	9:23	Water	26.56	7.22	2,334	42	1.6	-21.6	105.45
	11/14/08	10:20	Water	26.00	7.06	2,642	10	1.56	-10.8	105.20
	01/27/09	12:18	Water	21.35	7.30	2,542	71	0.37	-52.7	105.58
	04/14/09	13:15	Water	22.13	7.26	2,228	10	2.3	10.5	105.12
	07/07/09	11:49	Water	23.35	7.21	2,271	3	0.64	112.8	105.38
HPLCMW-3	10/27/08	10:48	Water	26.39	7.47	1,489	26	1.21	-48.9	93.02
	11/14/08	9:12	Water	26.29	7.35	1,675	19	0.87	39.9	92.60
	01/27/09	11:17	Water	22.05	7.34	1,462	47	1.88	35.5	93.06
	04/14/09	11:32	Water	22.72	7.32	1,448	49	4.47	10.5	92.50
	07/07/09	10:41	Water	24.09	7.27	1,346	6	2.66	131.6	92.77
HPLCMW-4	10/27/08	15:10	Water	22.36	7.44	1,639	458	0.8	-102.5	114.65
	11/14/08	8:30	Water	21.41	7.27	1,870	82	3.34	96.0	113.19
	01/27/09	10:08	Water	19.83	7.62	1,798	85	3.27	37.8	113.12
	04/14/09	10:30	Water	20.91	7.55	1,696	51	3.21	15.4	112.92
	07/07/09	9:45	Water	22.14	7.45	1,756	38	3.88	159.6	113.14

Abbreviations:
bgs = below ground surface
°C = degrees Celsius
µS/cm = microsiemens per centimeter
mg/L = milligrams per liter
mV = millivolts
NTU = nephelometric turbidity units

Notes:
(a) Field measurements for monitoring wells were recorded by Blaine Tech Services, Inc.
(b) Only the last set of measurements recorded at the completion of purging activites is shown on this table. For further information, see Blaine Tech Services, Inc. field notes in Appendix B.

APPENDIX C

Laboratory Analytical Reports
for Groundwater Samples Collected by Erler and Kalinowski, Inc.
on 7 July 2009

Calscience
Environmental
Laboratories, Inc.

July 15, 2009

Jami Striegel
Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Subject: **Calscience Work Order No.: 09-07-0479**
Client Reference: Hollywood Park / A50015.03

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/7/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Virendra Patel
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-1	**09-07-0479-1-F**	**07/07/09 09:20**	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09 20:59**	**090708B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	100	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	99	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-2	**09-07-0479-2-O**	**07/07/09 11:50**	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09 21:17**	**090708B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	100	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	112	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-3	**09-07-0479-3-F**	**07/07/09 10:50**	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09 21:35**	**090708B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	100	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	105	68-140			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-4	**09-07-0479-4-F**	**07/07/09 09:45**	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09 21:54**	**090708B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	100	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Decachlorobiphenyl	100	68-140			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**09-07-0479-5-F**	**07/07/09 00:00**	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09 10:12**	**090708B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	108	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-249-591**	**N/A**	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09 19:28**	**090708B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	100	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	83	68-140	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.		Date Received:	07/07/09
35 North Lake Avenue, Suite 705		Work Order No:	09-07-0479
Pasadena, CA 91101-1856		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-1	**09-07-0479-1-E**	**07/07/09 09:20**	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09 17:41**	**090709B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	86	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-2	**09-07-0479-2-F**	**07/07/09 11:50**	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09 15:33**	**090709B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	86	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-3	**09-07-0479-3-E**	**07/07/09 10:50**	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09 18:13**	**090709B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	86	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-4	**09-07-0479-4-E**	**07/07/09 09:45**	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09 18:45**	**090709B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	85	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.		Date Received:	07/07/09
35 North Lake Avenue, Suite 705		Work Order No:	09-07-0479
Pasadena, CA 91101-1856		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**09-07-0479-5-E**	**07/07/09 00:00**	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09 19:17**	**090709B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-3,514**	**N/A**	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09 13:58**	**090709B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	85	38-134	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.	Date Received:	07/07/09
35 North Lake Avenue, Suite 705	Work Order No:	09-07-0479
Pasadena, CA 91101-1856	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Hollywood Park / A50015.03 — Page 1 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-1	**09-07-0479-1-A**	**07/07/09 09:20**	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09 13:00**	**090708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	5.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	117	82-130		1,2-Dichloroethane-d4	116	75-141	
Toluene-d8	101	83-113		1,4-Bromofluorobenzene	90	70-118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.	Date Received:	07/07/09
35 North Lake Avenue, Suite 705	Work Order No:	09-07-0479
Pasadena, CA 91101-1856	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Hollywood Park / A50015.03 — Page 2 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-2	**09-07-0479-2-A**	**07/07/09 11:50**	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09 13:29**	**090708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	5.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	115	82-130		1,2-Dichloroethane-d4	116	75-141	
Toluene-d8	100	83-113		1,4-Bromofluorobenzene	89	70-118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-3	**09-07-0479-3-A**	**07/07/09 10:50**	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09 15:25**	**090708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	5.0	1		Toluene	ND	1.0	1	
Chloroform	1.3	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	82-130		1,2-Dichloroethane-d4	116	75-141	
Toluene-d8	99	83-113		1,4-Bromofluorobenzene	92	70-118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.	Date Received:	07/07/09
35 North Lake Avenue, Suite 705	Work Order No:	09-07-0479
Pasadena, CA 91101-1856	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Hollywood Park / A50015.03 — Page 4 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
HPLCMW-4	**09-07-0479-4-A**	**07/07/09 09:45**	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09 15:54**	**090708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	5.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	82-130		1,2-Dichloroethane-d4	118	75-141	
Toluene-d8	100	83-113		1,4-Bromofluorobenzene	91	70-118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
DUP-1	**09-07-0479-5-A**	**07/07/09 00:00**	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09 16:23**	**090708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	5.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	82-130		1,2-Dichloroethane-d4	118	75-141	
Toluene-d8	100	83-113		1,4-Bromofluorobenzene	90	70-118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.		Date Received:	07/07/09
35 North Lake Avenue, Suite 705		Work Order No:	09-07-0479
Pasadena, CA 91101-1856		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: Hollywood Park / A50015.03			Page 6 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TB-1-070709	**09-07-0479-8-A**	**07/07/09 08:00**	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09 16:52**	**090708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	5.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	82-130		1,2-Dichloroethane-d4	118	75-141	
Toluene-d8	100	83-113		1,4-Bromofluorobenzene	89	70-118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.	Date Received:	07/07/09
35 North Lake Avenue, Suite 705	Work Order No:	09-07-0479
Pasadena, CA 91101-1856	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Hollywood Park / A50015.03 — Page 7 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-006-30,061**	**N/A**	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09 12:31**	**090708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	50	1		c-1,3-Dichloropropene	ND	0.50	1	
Benzene	ND	0.50	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromobenzene	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		2-Hexanone	ND	10	1	
Bromodichloromethane	ND	1.0	1		Isopropylbenzene	ND	1.0	1	
Bromoform	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
Bromomethane	ND	10	1		Methylene Chloride	ND	10	1	
2-Butanone	ND	10	1		4-Methyl-2-Pentanone	ND	10	1	
n-Butylbenzene	ND	1.0	1		Naphthalene	ND	10	1	
sec-Butylbenzene	ND	1.0	1		n-Propylbenzene	ND	1.0	1	
tert-Butylbenzene	ND	1.0	1		Styrene	ND	1.0	1	
Carbon Disulfide	ND	10	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Carbon Tetrachloride	ND	0.50	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Tetrachloroethene	ND	1.0	1	
Chloroethane	ND	5.0	1		Toluene	ND	1.0	1	
Chloroform	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Chloromethane	ND	10	1		1,2,4-Trichlorobenzene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		1,1,1-Trichloroethane	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromochloromethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		Trichloroethene	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
1,2-Dichlorobenzene	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,4-Dichlorobenzene	ND	1.0	1		Vinyl Acetate	ND	10	1	
Dichlorodifluoromethane	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
1,1-Dichloroethane	ND	1.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		o-Xylene	ND	1.0	1	
1,1-Dichloroethene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
c-1,2-Dichloroethene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
t-1,2-Dichloroethene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
1,2-Dichloropropane	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
1,3-Dichloropropane	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
2,2-Dichloropropane	ND	1.0	1		Ethanol	ND	100	1	
1,1-Dichloropropene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	82-130		1,2-Dichloroethane-d4	114	75-141	
Toluene-d8	99	83-113		1,4-Bromofluorobenzene	88	70-118	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date Collected	Matrix
HPLCMW-1	**09-07-0479-1**	**07/07/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Nitrite (as N)	ND	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Nitrate (as N)	15	0.50	5		mg/L	N/A	07/07/09	EPA 300.0
Perchlorate	4.1	2.0	1		ug/L	N/A	07/10/09	EPA 314.0

Client Sample Number	Lab Sample Number	Date Collected	Matrix
HPLCMW-2	**09-07-0479-2**	**07/07/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Nitrite (as N)	ND	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Nitrate (as N)	2.7	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	07/10/09	EPA 314.0

Client Sample Number	Lab Sample Number	Date Collected	Matrix
HPLCMW-3	**09-07-0479-3**	**07/07/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Nitrite (as N)	ND	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Nitrate (as N)	11	0.20	2		mg/L	N/A	07/07/09	EPA 300.0
Perchlorate	5.3	2.0	1		ug/L	N/A	07/10/09	EPA 314.0

Client Sample Number	Lab Sample Number	Date Collected	Matrix
HPLCMW-4	**09-07-0479-4**	**07/07/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Nitrite (as N)	0.92	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Nitrate (as N)	10	0.20	2		mg/L	N/A	07/07/09	EPA 300.0
Perchlorate	2.2	2.0	1		ug/L	N/A	07/10/09	EPA 314.0

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479

Project: Hollywood Park / A50015.03

Client Sample Number	Lab Sample Number	Date Collected	Matrix
DUP-1	**09-07-0479-5**	**07/07/09**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Nitrite (as N)	0.92	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Nitrate (as N)	10	0.20	2		mg/L	N/A	07/07/09	EPA 300.0
Perchlorate	2.2	2.0	1		ug/L	N/A	07/10/09	EPA 314.0

Method Blank	**N/A**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Nitrite (as N)	ND	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	07/07/09	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	07/10/09	EPA 314.0

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project Hollywood Park / A50015.03

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
HPLCMW-1	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09**	**090708S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	92	90	55-133	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project Hollywood Park / A50015.03

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
HPLCMW-2	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09**	**090709S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	91	91	68-122	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: 07/07/09
Work Order No: 09-07-0479
Preparation: EPA 5030B
Method: EPA 8260B

Project Hollywood Park / A50015.03

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
HPLCMW-2	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09**	**090708S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	95	88-118	0	0-7	
Carbon Tetrachloride	86	88	67-145	2	0-11	
Chlorobenzene	95	96	88-118	1	0-7	
1,2-Dibromoethane	102	105	70-130	2	0-30	
1,2-Dichlorobenzene	97	99	86-116	2	0-8	
1,1-Dichloroethene	88	90	70-130	2	0-25	
Ethylbenzene	101	102	70-130	1	0-30	
Toluene	98	99	87-123	1	0-8	
Trichloroethene	88	88	79-127	0	0-10	
Vinyl Chloride	80	81	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	104	106	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	101	102	36-168	1	0-45	
Diisopropyl Ether (DIPE)	106	109	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	105	109	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	111	112	72-126	1	0-12	
Ethanol	99	98	53-149	0	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: N/A
Work Order No: 09-07-0479

Project: Hollywood Park / A50015.03

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	EPA 314.0	HPLCMW-2	07/10/09	N/A	103	106	80-120	3	0-15	
Nitrite (as N)	EPA 300.0	HPLCMW-2	07/07/09	N/A	100	100	80-120	0	0-20	
Nitrate (as N)	EPA 300.0	HPLCMW-2	07/07/09	N/A	99	99	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Erler & Kalinowski, Inc.		Date Received:	N/A
35 North Lake Avenue, Suite 705		Work Order No:	09-07-0479
Pasadena, CA 91101-1856		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: Hollywood Park / A50015.03

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-249-591	**Aqueous**	**GC 27**	**07/08/09**	**07/08/09**	**090708B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	88	91	75-117	4	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Erler & Kalinowski, Inc.		Date Received:	N/A
35 North Lake Avenue, Suite 705		Work Order No:	09-07-0479
Pasadena, CA 91101-1856		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: Hollywood Park / A50015.03

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-3,514	**Aqueous**	**GC 1**	**07/09/09**	**07/09/09**	**090709B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	96	94	78-120	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: N/A
Work Order No: 09-07-0479
Preparation: EPA 5030B
Method: EPA 8260B

Project: Hollywood Park / A50015.03

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-30,061	**Aqueous**	**GC/MS CC**	**07/08/09**	**07/08/09**	**090708L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	102	84-120	78-126	1	0-8	
Carbon Tetrachloride	99	97	63-147	49-161	3	0-10	
Chlorobenzene	101	102	89-119	84-124	2	0-7	
1,2-Dibromoethane	103	104	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	101	104	89-119	84-124	3	0-9	
1,1-Dichloroethene	102	103	77-125	69-133	1	0-16	
Ethylbenzene	112	114	80-120	73-127	1	0-20	
Toluene	105	105	83-125	76-132	0	0-9	
Trichloroethene	102	99	89-119	84-124	3	0-8	
Vinyl Chloride	92	92	63-135	51-147	0	0-13	
Methyl-t-Butyl Ether (MTBE)	103	102	82-118	76-124	1	0-13	
Tert-Butyl Alcohol (TBA)	101	97	46-154	28-172	4	0-32	
Diisopropyl Ether (DIPE)	109	108	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	108	108	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	109	76-124	68-132	1	0-10	
Ethanol	92	95	60-138	47-151	3	0-32	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Erler & Kalinowski, Inc.
35 North Lake Avenue, Suite 705
Pasadena, CA 91101-1856

Date Received: N/A
Work Order No: 09-07-0479

Project: Hollywood Park / A50015.03

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Perchlorate	EPA 314.0	099-05-203-947	N/A	07/10/09	94	93	85-115	1	0-15	
Nitrite (as N)	EPA 300.0	099-12-906-319	N/A	07/07/09	101	101	90-110	0	0-15	
Nitrate (as N)	EPA 300.0	099-12-906-319	N/A	07/07/09	100	100	90-110	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-07-0479

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

(479)

Erler & Kalinowski, Inc. **CHAIN OF CUSTODY RECORD** PAGE 1 OF 1

CONSULTING ENGINEERS AND SCIENTISTS 35 North Lake Avenue, Suite 705, Pasadena CA 91101 Phone: 626-432-5900 FAX: 626-432-5905

Project Name: Hollywood Park
Project No.: A50015.03
Location: 1050 South Prairie Avenue, Inglewood, CA
Sampled By: P. Shaughnessy
Reporting: Electronic Format: CA State EDF; Hard Copy Format: PDF; EPA Data Report Level: II; Report results to: jstriegel@ekiconsult.com, bblood@ekiconsult.com
Laboratory: Calscience Environmental Laboratories, Inc., 7440 Lincoln Way, Garden Grove, CA 92841, Phone: (714) 895-5494 FAX: (714) 894-7501, ATTN: Virendra Patel
ANALYSES REQUESTED EKI COC No. _____

	Field Sample Identification	Lab Sample No.	Date	Time	Matrix	No./Type of Containers	EPA 8260B VOCs	EPA 8260B Fuel Oxygenates	EPA 8015B Mod. TPH-gas	EPA 8015B Mod. TPH-diesel	EPA 314.0 Perchlorate	EPA 300.0 Nitrate and nitrite as nitrogen	EXTRACT AND HOLD	PLACE ON HOLD	EXPECTED TURNAROUND TIME	Remarks
1	HPLCMW-1		7-Jul-09	920	Water	5 VOAs/ 1L Amber / 1 500 poly	X	X	X	X	X	X				
2	HPLCMW-2		7-Jul-09	1150	Water	5 VOAs/ 1L Amber / 1 500 poly	X	X	X	X	X	X				MS/MSD
3	HPLCMW-3		7-Jul-09	1050	Water	5 VOAs/ 1L Amber / 1 500 poly	X	X	X	X	X	X				
4	HPLCMW-4		7-Jul-09	945	Water	5 VOAs/ 1L Amber / 1 500 poly	X	X	X	X	X	X				
5	DUP-1		7-Jul-09	—	Water	5 VOAs/ 1L Amber / 1 500 poly	X	X	X	X	X	X				
6	EB-1-070709		7-Jul-09	830	Water	5 VOAs/ 1L Amber / 1 500 poly								X		
7	FB-1-070709		7-Jul-09	835	Water	5 VOAs/ 1L Amber / 1 500 poly								X		
8	TB-1-070709		7-Jul-09	800	Water	2 VOAs	X	X								
	Temperature Blank		7-Jul-09	—	Water											

Special Instructions:

Notes: Please provide all results in CA State EDF.

Relinquished by: (Signature/Affiliation) (BTS)	Date 07-07-09	Time 1400	Received by: (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	Date 7/7/09	Time 1614	Received by: (Signature/Affiliation) CEL
Relinquished by: (Signature/Affiliation)	Date 7/7/09	Time 1840	Received by: (Signature/Affiliation) CEL

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-07-0447 9

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: EKI DATE: 7/7/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.6 °C - 0.2 °C (CF) = 2.4 °C ☑ **Blank** ☐ **Sample**

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** RM

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** RM

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** TN

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

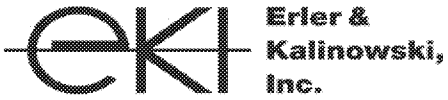
Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑5 ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☑500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☑250PB ☐250PB**n** ☑125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ **Checked/Labeled by:** TN

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar (Wide-mouth) B: Bottle (Narrow-mouth) **Reviewed by:** MJS.C

Preservative: h: HCL n: HNO3 na$_2$:$Na_2S_2O_3$ Na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** MJS.C



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