

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

COLLEEN CHAWLA, Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP)
FOR HAZARDOUS MATERIALS RELEASES
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

October 12, 2018

Mr. Steven Ho
Mr. Samson Yip
914 West Grand Avenue Oakland LLC
211 10th Street, Suite 222
Oakland, California 94607
(Sent via electronic mail to: bhcusa@gmail.com and yipsamson@gmail.com)

Subject: Conditional Approval of *Corrective Action (Implementation) Plan*; Site Cleanup Program Case No. RO0003226 and GeoTracker Global ID T1000009223, 914 W. Grand; 914 W. Grand, Oakland, CA 94607

Dear Mr. Zhang:

Alameda County Department of Environmental Health (ACDEH) has reviewed the case file in conjunction with the following documents prepared by Cornerstone Earth Group (Cornerstone) on your behalf:

- *Corrective Action Implementation Plan (CAIP)*, dated August 9 2018

The CAIP included the results of the Data Gap Work Plan Investigation approved in the May 4, 2018 directive letter, and essentially included a Corrective Action Plan (CAP) for the proposed redevelopment, as well as substantial elements of the Site Management Plan, Soil and Groundwater Management Protocols, and Vapor Mitigation Engineering Controls. As discussed in more detail further below, ACDEH requires additional details to ensure developed procedures and plans are implemented. ACDEH also requires the separation of these plans and procedures into separate documents to assist in the implementation of the plans and protocols by typically separate field crews.

ACDEH understands that proposed redevelopment activities will occupy the entire property (e.g., lot-line to lot-line) of six contiguous parcels and will include a six story mixed-use concrete podium building with a ground level garage along the north side of the building. The garage entrance will be on Myrtle Street, and the steel grate entrance will provide natural ventilation of the garage. Retail tenant spaces will be present on the ground floor in the southwest corner of the planned building, and a lobby and a community room will also be located along West Grand Avenue side of the building. Three additional commercial "flexible" space areas are planned for the ground level along the Market Street side of the building. Three elevators and associated shafts will service the building.

Based on our meetings and the referenced document ACDEH understands a vapor mitigation system will be installed beneath the ground level footprint of the occupied building, including elevator shafts; however, will exclude the ground level garage. ACDEH understands that proposed redevelopment plans have been submitted to the City of Oakland Planning Department and the City of Oakland Building Department, however, these departments have required the applicant to obtain environmental clearance from ACDEH for the proposed redevelopment.

Total Petroleum Hydrocarbons (TPH), Volatile Organic Compounds (VOCs), metals, and methane have been detected beneath the site in soil, groundwater, and soil vapor at concentrations above the 2016 San Francisco Regional Water Quality Control Boards (State Water Board) Environmental Screening Levels (ESLs), or with respect to methane, above the Lower Explosive Limit (LEL). Environmental investigations for the current proposed redevelopment have been conducted at the site between approximately 2016 and 2018 in order to further delineate the vertical and lateral extent of chemicals of concern (COCs) in the subsurface on the property and evaluate the associated risk to potential on- and off-site sensitive receptors in association with the proposed site redevelopment activities. Several previous investigations were

conducted for the underground storage tanks (USTs) formerly located at the site and formed the initial environmental data set at the site on which more recent investigations have relied.

The scope of work for the CAP was submitted to address COCs in soil, groundwater, and soil vapor, and recommends the following corrective actions:

- Excavation of soils across the site to a depth of two to three feet below grade surface (bgs) to allow installation of the concrete floor and foundation system for the proposed building. This is anticipated to remove the majority of soil in the near surface that is present above the residential ESL for lead of 80 milligrams per kilogram (mg/kg). Remaining lead contamination above the residential ESL is anticipated and will be managed with a Land Use Covenant (LUC);
- For geotechnical compaction purposes, the former UST excavation will be excavated and replacement by engineered fill. Additional source removal below the former UST excavation is planned to extend approximately two feet into the top of the shallow groundwater bearing zone to a depth of approximately 12 feet bgs. Additionally, unsaturated zone soil that exceeds residential ESLs laterally from the former UST excavation will be excavated and disposed offsite, but will be confined to the limits of the property.
- Oxygen Releasing Compound (ORC) is proposed to be introduced to the UST excavation to enhance the natural biodegradation of residual petroleum hydrocarbons in shallow groundwater.
- Installation of Vapor Mitigation Engineering Controls (VMEC) – including a vapor mitigation system beneath the entire occupied new building footprint to control potential vapor migration to indoor air, and the installation of trench dams and/or plugs along utility corridors to control vapor and groundwater migration along preferential pathways.

ACDEH is of the opinion that implementation of the proposed excavation will minimize risk to on- and off-site receptors from exposure to residual subsurface contamination. Installation of the proposed VMECs will also mitigate risk to occupants of the proposed new multi-use building from potential TPH and VOC impacted soil vapor.

With the provision that the information provided to this agency is accurate and representative of currently known site conditions, at this juncture, ACDEH has no objection to you proceeding with the proposed site redevelopment activities presented in CAP provided 914 West Grand Avenue Oakland LLC submits the requisite documents listed below and implements ACDEH approved corrective actions.

DELIVERABLES

Please submit the following deliverables to ACDEH in accordance with the compliance schedule provided below and the *Responsible Party (ies) Legal Requirement/Obligations Instructions* and *File Naming Conventions* which are included as Attachments 1 and 2 respectively. ACDEH requests email notification verifying the requested deliverables have been uploaded to Geotracker (e-mail preferred to: mark.detterman@acgov.org).

Prior to the start of all site construction activities including grading, and remedial excavation and construction dewatering the following documents must be submitted to ACDEH for review and approval:

1. **Revised Baseline Project Schedule** - A revised project schedule providing details of the sequencing of corrective actions and site demolition and redevelopment activities. The schedule must also include dates for submittal of requisite separate documents including at a minimum the following: Corrective Action Implementation Plan for Soil Excavation and Groundwater Dewatering (CAIP), Construction Soil and Construction Dewatering Groundwater Management Plan (SGMP) and SGMP Certification Form, Plan, Soil Import Management Plan (SIMP), Vapor Mitigation Engineering Control (VMEC) Design Documents, a copy of City of Oakland approved building department permits with the ACDEH approved VMEC incorporated, Remedial Soil Excavation

Documentation, Soil Importation Documentation (if required), Corrective Action Completion Report for Soil Excavation and Construction Groundwater Dewatering, VMEC Record Report of Construction, VMEC Operation and Maintenance Plan, Trench Dam Maintenance Plan, Vapor Mitigation System Post Construction Performance Monitoring Report, Institutional Controls including recordation of a Land Use Covenant and documentation of Financial Assurance Mechanism for post-closure monitoring and reporting requirements, and a Long Term Site Management Plan (SMP). The schedule must include appropriate ACDEH review and response times for document submittals in addition to a 72-hour notification to ACDEH prior to implementation of each phase of corrective actions. The Baseline Project Schedule must be updated as necessary to reflect the current status of the project and must be submitted to ACDEH for review and approval. Changes to the schedule for document submittals to ACDEH as communicated in our meeting will likely result in delays to the construction start date.

2. Corrective Action Implementation Plan for Soil Excavation and Construction Groundwater Dewatering (CAIP) - A CAIP must be prepared under the direction of a registered civil engineer and submitted to ACDEH for review and approval. The CAIP must present a comprehensive and detailed plan for implementing the soil excavation and construction groundwater dewatering presented in the CAP. The CAIP must include but is not limited to the following:

- Detailed figures (plan view and cross sections) delineating the vertical and lateral extent of the selected locations presented in the CAP where constituents of concern have been reported above screening levels,
- Excavation phasing and other measures to minimize volatilization of organic compounds in soil and groundwater to outdoor air and exposure to receptors (for example phased demolition of pavement, dewatering, use of containerized bins for excavated soil, direct load of excavated soil into trucks for immediate off-haul, etc.);
- Shoring and/or other stabilization measures;
- Proposed confirmation sample locations and density, including in-situ soil samples for pre-characterization for offsite disposal at a permitted facility;
- Protocols for characterizing, segregating, and stockpiling and/or direct loading of excavated soil based on visual and olfactory observations, PID readings and analytical results for TPH-g, and VOCs and other appropriate analytes based on historic land use at the site including metals associated with historic and current automotive repair operations;
- Estimated quantities of soil to be excavated and transported offsite for disposal;
- Construction groundwater dewatering plan.

3. Construction Soil and Groundwater Management Plan (Construction SGMP) – A Construction SGMP must be prepared under the direction of a registered civil engineer or registered geologist and submitted to ACDEH for review and approval. The Construction SGMP should be based on the *Site Management Plan*, included in the referenced CAIP and describe procedures to be followed by environmental consultants, construction contractors and workers, and other property owner representatives during property improvements, identifying safety and training requirements for construction workers, establishing procedures for assessing and managing contaminated environmental media.

4. Construction SGMP Certification Form - A copy of the Construction SGMP Certification Form signed by 914 West Grand Avenue Oakland LLC and all their environmental professionals and contractors associated with implementation of corrective actions at the site must be submitted to ACDEH prior to the start of construction activities.

Prior to the start of foundation construction, utility installation, soil importation and backfilling of excavations the following documents must be submitted to ACDEH for review and approval:

5. **Soil Import Management Plan (SIMP)** – A SIMP for backfill if fill material is required for excavation backfill or other site redevelopment activities must be prepared under the direction of a registered civil engineer or registered geologist and submitted to ACDEH for review and approval. The SIMP must present criteria required to evaluate the environmental conditions of proposed import borrow sites; the environmental sampling and analysis required to characterize the soil to be imported from proposed import borrow sites; proposed site-specific screening levels to be referenced for accepting the soil proposed to be imported; and the documentation to be submitted to ACDEH for timely review and approval of proposed soil to be imported. ACDEH can provide a template upon request.
6. **Vapor Mitigation Engineering Controls (VMECs) Design Documents** – Corrective actions will include installation of VMECs including installation of vapor mitigation system beneath buildings and/or trench dams and plugs within utility corridors. VMECs design documents must be prepared by a Registered Civil Engineer and submitted to ACDEH for review and approval and incorporated into the City of Oakland building and utility permit plans and specifications for the development. The VMEC design documents must include:
 - Basis of design report,
 - Construction drawings and design specifications;
 - Construction quality assurance plan including construction quality assurance/construction quality control procedures describing contractor and inspector qualifications and experience, and procedures for VMEC construction monitoring, testing, and documentation;
 - Operation and maintenance (O&M) plan describing post-closure maintenance, monitoring, corrective action and reporting requirements; and
 - Construction sequencing plan presenting the sequence of measures that will be used to protect the installed VMECs during building construction activities.
7. **Planning Approvals and Building Permit Plans** – A copy of the City of Oakland approved construction drawings for site redevelopment incorporating the ACDEH approved VMECs and utility trench dams. ACDEH must be notified if the project proponents or the City Planning or Building Departments propose changes to the site development and first floor building plans presented in the CAIP including but not limited to the proposed location and depth of the elevator shafts or changes to the VMECs design or utility trench dam locations. Any substantial changes made to the plans without review by ACDEH may invalidate the conclusions of the protectiveness of the proposed redevelopment of the site with respect to potential residual contamination.
8. **Remedial Soil Excavation Documentation** – Submittal of soil excavation documentation for excavation, confirmation sampling and analytical results must be submitted prior to the start of backfilling and construction of the final foundation system. The submittal must include but not be limited to scaled figures (plan views and cross-sections) showing sampling locations and extents of excavation, volume of soil excavated and final disposition, waste manifests if disposed of off-site, tabulated analytical results and environmental screening levels, and laboratory analytical reports. The data should be initially submitted to ACDEH via email correspondence to facilitate quick review and backfill approval. Subsequent to ACDEH approval to backfill the data must be incorporated into the Corrective Action Completion Report of Soil Excavation and Construction Groundwater Dewatering.

9. **Soil Import Documentation (if required for backfill)** - Submittal of requisite documentation to ACDEH for review and approval prior to import of fill material per the ACDEH approved SIMP protocols. Information must include but not be limited to proposed sources, sampling and profiling protocols, analytical laboratory reports, and tables with analytical results and applicable environmental screening levels. The data should be initially submitted to ACDEH via email correspondence to facilitate quick review and backfill approval. Subsequent to ACDEH approval to backfill the data must be incorporated into the Corrective Action Completion Report of Soil Excavation and Construction Dewatering.

Prior to building occupancy and issuance of a No Further Action Letter the following documents must be submitted to ACDEH prior to closure for review and approval:

10. **Corrective Action Completion Report for Soil Excavation and Construction Groundwater Dewatering**

- A comprehensive report documenting the soil corrective action activities and construction groundwater dewatering activities, observations and findings during implementation. The report must include as-built drawings and photo documentation and must include a certification by the remediation design engineer that the remedial measures were implemented in accordance with the approved CAIP. The report must also include copies of all permits and must document at a minimum the following:

- Description of soil excavation activities, including but not limited to volume of soil excavated, waste manifests for off-site disposal, figures (plan view and cross sections) depicting the excavation extents and locations of confirmation sampling, tabulated analytical results with ESLs and delineation and/or overexcavation samples, and laboratory analytical reports including pre-characterization results of in-situ sampling and/or stockpiling sampling;
- Description of final clean fill importation in accordance with the ACDEH approved SIMP and import documentation submitted to ACDEH for approval prior to import. The documentation must also include manifests documenting source of material transported to site, and figures (plan view and cross sections) depicting the soil import backfill extents,
- Description of construction groundwater dewatering activities with supporting documentation including but not limited to tables, figures, laboratory analytical reports, copies of discharge reports, and corrective actions associated with unauthorized releases during construction activities; and
- Certification of compliance with the Construction SGMP protocols during implementation of remedial measures including but not limited to agency notification and reporting requirements, pre-field activities (site security and access, traffic control, excavation permits, notification and utility clearance), waste management, soil and groundwater management, stormwater management, dust and odor emission control, and contingency measures for discovery of unexpected underground structures.

11. **VMEC Report of Construction** – A comprehensive report documenting the construction quality assurance (CQA) activities and observation and findings during construction of the VMEC including vapor mitigation systems beneath buildings and trench dams/plugs in utility corridors. The report must include as-built drawings, photo documentation, certification by the CQA Manager and VMEC Design Engineer that the completed VMEC and utility trench plugs were installed in accordance with the ACDEH, approved basis of design report, plans, and specifications. The report must also include copies of the following documents as standalone appendices:

- **VMEC Operations and Maintenance (O&M) Plan** – An O&M Plan for the vapor mitigation systems beneath the building. The O&M Plan must include at a minimum documentation of the installed VMEC components, including As-Built drawings and specifications, and photo documentation; responsible party information; details of required O&M activities; and emergency contacts and protocols in case of system failure.

- **Trench Dam & Plug Maintenance Plan** – A maintenance plan for the trench dams and plugs installed within the utility corridors. The plan must include at a minimum documentation of the installed dams and plugs including As-Built construction drawings and specifications, surveyed coordinates, and photo documentation; responsible party information; and contacts and protocols in case that utility repair requires replacement of the dams or plugs.
12. **Vapor Mitigation System (VMS) Post Construction Performance Monitoring Report** – A report documenting the results of the VMS performance monitoring (indoor air, sub-slab soil vapor, and vent riser sampling) and certification by the VMEC Design Engineer that the VMS is functioning as designed.
 13. **Institutional Controls (ICs)** – Recordation of institutional controls including a Land Use Covenant and Disclosure Covenants, Conditions and Restrictions (CC&Rs) providing legal and administrative controls and methods for dissemination of information to site users and occupants, homeowners associations, property managers and property owners to minimize risk during property development, future below-ground construction and maintenance, and long-term site use.
 14. **Financial Assurance** – Documentation of an appropriate financial instrument to assure ACDEH of implementation and maintenance of the VMECs. The details of this financial assurance must be worked out by the project proponent and ACDEH as design, construction, and monitoring plans are finalized and approved. The financial assurance instrument must provide for sufficient funds to construct, monitor, and provide regulatory oversight costs for long-term operations and maintenance of the VMEC. Estimates of these costs must be based, in part, on the cost estimates for project implementation that are established in the CAIP. Additionally, an allowance for regulatory oversight must be included in the financial assurance mechanism.
 15. **Long Term Site Management Plan (SMP)** – A SMP for long-term site management plan written for the property owner to facilitate compliance with the requirements of the Land Use Covenant. The SMP must provide a description the VMEC, permitted activities, maintenance and reporting requirements and schedule, and notification and documentation procedures should the VMEC be damaged. The SMP must include the VMECs, O&M Plans, and SGMP as standalone appendices and must be maintained at the site address by the property manager or designated representative.

At each phase of redevelopment and corrective action implementation, all environmental site data and reports for the site submitted for ACDEH review or approval must comply with the following State Water Resources Control Board's electronic submittal information requirements:

16. **GeoTracker Database Compliance** – Site data and documents are maintained in the State Water Board's GeoTracker website. The database acts as repositories for Portable Document Format (PDF) files of regulatory directives and reports and has the functionality to store electronic compliance data in Electronic Deliverable Format (EDF) including analytical laboratory data for soil, vapor, and groundwater samples, monitoring well depth-to-water measurements, and surveyed location and elevation data for sampling locations.

All historical environmental documents related to the subject site including but not limited the missing soil and groundwater analytical data, documents and reports, maps, and boring logs must be uploaded to GeoTracker prior to receiving ACDEH approval for the related redevelopment or corrective action component. See Attachment 1 regarding electronic submittal requests to GeoTracker. Notification of, and a list of, the documents uploaded to GeoTracker can be emailed to my attention (Attention: Mark Detterman).

TECHNICAL REPORTS/WORK SCHEDULE

Please perform the requested work and submit technical reports to ACDEH (Attention: Mark Detterman) in accordance with Attachment 1 and 2 and the schedule below. Dates will be determined based on revised baseline project schedule.

- **Revised Baseline Project Schedule** – November 2, 2018
File to be named: RO3226_DEV_SCHD-yyyy-mm-dd
- **Corrective Action Implementation Plan for Soil Excavation and Construction Groundwater Dewatering (CAIP)** – November 16, 2018
File to be named: RO3226_CAIP-yyyy-mm-dd
- **Construction Soil and Groundwater Management Plan** – November 16, 2018
File to be named: RO3226_SGMP-yyyy-mm-dd
- **Construction SGMP Certification Form** – November 16, 2018
File to be named: RO3226_SGMP_CERT-yyyy-mm-dd
- **SIMP (if required for fill material)** – November 16, 2018
File to be named: RO3226_SIMP-yyyy-mm-dd
- **VMEC Design Documents** – November 29, 2018
File to be named: RO3226_VMEC-yyyy-mm-dd
- **Planning Approvals and Building Permit Plans with VMECs** – Date to be Determined
File to be named: RO3226_DEV_PLAN-yyyy-mm-dd
- **Remedial Soil Excavation Documentation** – Date to be Determined
File to be named: RO3226_SOIL_EXPORT-yyyy-mm-dd
- **Soil Import Documentation(if required for backfill)** – Date to be Determined
File to be named: RO3226_SOIL_IMPORT-yyyy-mm-dd
- **Corrective Action Completion Report for Soil Excavation and Construction Groundwater Dewatering** – Date to be Determined
File to be named: RO3226_CACR-yyyy-mm-dd
- **VMEC and Utility Trench Dam Record Report of Construction** – Date to be Determined
File to be named: RO3226_VMEC_ROC-yyyy-mm-dd
- **Vapor Mitigation System (VMS) Post Construction Performance Monitoring Report** – Date to be Determined
File to be named: RO3226_VMS_MON_R-yyyy-mm-dd
- **Institutional Controls** – Date to be Determined
File to be named: RO3226_IC-yyyy-mm-dd
- **Land Use Covenant** – Date to be Determined
File to be named: RO3226_LUC-yyyy-mm-dd
- **Financial Assurance Mechanism** – Date to be Determined
File to be named: RO3226_FAM-yyyy-mm-dd
- **Long Term SMP** – Date to be Determined
File to be named: RO3226_LT_SMP-yyyy-mm-dd

- **GeoTracker Database Compliance** – Ongoing as investigation and reports are conducted

Thank you for your cooperation. ACDEH looks forward to working with you and your redevelopment team to advance the case toward closure. If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,



Mark E. Detterman, PG 4799, CEG 1788

Senior Geologist

Senior Hazardous Materials Specialist

Encl.: Attachment 1 – Responsible Party (ies) Legal Requirement/Obligations Instructions
Attachment 2 – Electronic File Naming Conventions

cc: Mr. Ronnie Turner, Turner Development Resource Group, 4100 Redwood Road, #170, Oakland, CA 94619, (Sent via electronic mail to: RTdevelops@comcast.net)

Mr. Bradford Flewellen, CEF Realty Advisors, Inc, 882 Wood Street, Unit 1, Oakland, CA 94607; (Sent via electronic mail to: brad@cefrealty.com)

: Scott Miller, Oakland Planning and Building Department, (Sent via electronic mail to: smiller@oaklandnet.com)

Maurice Addow-Brenyah, Oakland Planning and Building Department, (Sent via electronic mail to: mbrenyah@oaklandnet.com)

Peter Langtry, Cornerstone Earth Group, 1270 Springbrook Road, Suite 101, Walnut Creek, CA 94597, (Sent via electronic mail to: plangtry@cornerstoneearth.com)

Dilan Roe, ACDEH, (Sent via electronic mail to: dilan.roe@acgov.org)

Paresh Khatri, ACDEH; (Sent via electronic mail to: paresh.khatri@acgov.org)

Mark Detterman, ACDEH, (Sent via electronic mail to: mark.detterman@acgov.org)

Electronic File; GeoTracker

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| Alameda County Environmental Cleanup Oversight Programs (LOP and SCP) | REVISION DATE: December 14, 2017 |
| | ISSUE DATE: July 25, 2012 |
| | PREVIOUS REVISIONS: September 17, 2013, May 15, 2014, December 12, 2016 |
| SECTION: ACDEH Procedures | SUBJECT: Responsible Party(ies) Legal Requirements / Obligations |

REPORT & DELIVERABLE REQUESTS

Alameda County Department of Environmental Health (ACDEH) Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) require submission of all reports in electronic form to the State Water Board's (SWB) GeoTracker website in accordance with California Code of Regulations, Chapter 30, Division 3, Title 23 and Division 3, Title 27.

Leaking Underground Fuel Tank (LUFT) Cases

Reports and deliverable requests are pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party (RP) in conjunction with an unauthorized release from a petroleum underground storage tank (UST) system.

Site Cleanup Program (SCP) Cases

For non-petroleum UST cases, reports and deliverables requests are pursuant to California Health and Safety Code Section 101480.

ELECTRONIC SUBMITTAL OF REPORTS

A complete report submittal includes the PDF report and all associated electronic data files, including but not limited to GEO_MAP, GEO_XY, GEO_Z, GEO_BORE, GEO_WELL, and laboratory analytical data in Electronic Deliverable Format™ (EDF). Additional information on these requirements is available on the State Water Board's website (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)

- Do not upload draft reports to GeoTracker
- Rotate each page in the PDF document in the direction that will make it easiest to read on a computer monitor.

GEOTRACKER UPLOAD CERTIFICATION

Each report submittal is to include a GeoTracker Upload Summary Table with GeoTracker valid values¹ as illustrated in the example below to facilitate ACDEH review and verify compliance with GeoTracker requirements.

GeoTracker Upload Table Example

| Report Title | Sample Period | PDF Report | GEO_MAPS | Sample ID | Matrix | GEO_Z | GEO_XY | GEO_BORE | GEO_WELL | EDF |
|---|---------------|------------|----------|-----------|--------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 2016 Subsurface Investigation Report | 2016 S1 | ✓ | ✓ | Effluent | SO | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ✓ |
| 2012 Site Assessment Work Plan | 2012 | ✓ | ✓ | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2010 GW Investigation Report | 2008 Q4 | ✓ | ✓ | SB-10 | W | ✓ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ✓ |
| | | | | SB-10-6 | SO | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | ✓ |
| | | | | MW-1 | WG | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | | SW-1 | W | ✓ | ✓ | ✓ | ✓ | ✓ |

¹ GeoTracker Survey XYZ, Well Data, and Site Map Guidelines & Restrictions, CA State Water Resources Control Board, April 2005

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| Alameda County Environmental Cleanup Oversight Programs (LOP and SCP) | REVISION DATE: NA |
| | ISSUE DATE: December 14, 2017 |
| | PREVIOUS REVISIONS: September 17, 2013, May 15, 2014, December 12, 2016 |
| SECTION: ACDEH Procedures | SUBJECT: Responsible Party(ies) Legal Requirements / Obligations |

ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to the State Water Board's GeoTracker website." This letter must be signed by the Responsible Party, or legally authorized representative of the Responsible Party.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6731, 6735, and 7835) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately licensed or certified professional and include the professional registration stamp, signature, and statement of professional certification. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: <http://www.bpelsg.ca.gov/laws/index.shtml>.

UNDERGROUND STORAGE TANK CLEANUP FUND

For LUFT cases, RP's non-compliance with these regulations may result in ineligibility to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse the cost of cleanup. Additional information is available on the internet at: https://www.waterboards.ca.gov/water_issues/programs/ustcf/

AGENCY OVERSIGHT

Significant delays in conducting site assessment/cleanup or report submittals may result in referral of the case to the Regional Water Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

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| Alameda County Environmental Cleanup Oversight Programs (LOP and SCP) | REVISION DATE: April 4, 2018 |
| | PREVIOUS REVISIONS: April 4, 2018, July 17, 2017, November 8, 2016, December 15, 2015, December 16, 2014, June 19, 2013, June 15, 2011, March 26, 2009, April 29, 2008 |
| | ISSUE DATE: June 16, 2006 |
| SECTION: Miscellaneous Administrative Topics & Procedures | SUBJECT: File Names for Electronic Reports |

Format: REPORT_NAME_R_YYYY-MM-DD
Ex: SWI_R_VOL1_2006-05-25

| LOP and SCP (VRAP) INCOMING REPORTS AND LETTERS | |
|---|---|
| Document Name | Abbreviation File Name= Abbreviation + Date (yyyy- mm-dd) |
| Abandoned Well Information/Water Supply Well Information | ABWELLINF_R |
| Addendum | ADEND_R (added after report name) |
| Additional Information Report | ADD_R |
| Analytical Reports (Loose data sheets not in report) | ANALYT_R |
| As Built Drawings (or Plans) | AS_BUILT |
| Case File Scanned By OFD | CASE_FILE |
| Cleanup and Abatement Report | CAO_R |
| Case Transfer Form (from CUPA) | CASE_TRNSFR_F |
| Conduit Study/Well Search/Sensitive Receptor/Well Survey/Preferential Pathway Study | COND_WELL_R |
| Corrective Action Plan (CAP) | CAP_R |
| Correspondence | CORRES_L |
| Court Injunctions | INJ_L |
| Development Entitlement | DEV_ENTITLE |
| Development Plans (Includes Plan Set, Cross-sections, and Related Drawings) | DEV_PLAN |
| Development Schedule (Project Schedule, Gant Chart, etc.) | DEV_SCHD |
| DWR Confidential Well Logs (Report containing) | report name_R_CONFIDENTIAL_YYYY-MM-DD (Ex: SWI_R_CONFIDENTIAL_YYYY-MM-DD) |
| DWR Well Completion Report-Confidential (Loose well logs) | DWR_WELL_CONFIDENTIAL_YYYY-MM-DD (Date of Well Log) |
| ESI/DAR (Environmental Site Investigation, Data Assessment Report) | ESI_R |
| Excavation Report | EX_R |
| Extension Request Letter | EXT_RQ_L |

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|---|-----------------|
| Fact Sheet | FACT_SHT |
| Feasibility Study | FEASSTUD_R |
| Groundwater Monitoring/Quarterly Summary Report | GWM_R |
| Financial Assurance/Letter of Credit | FNCL_ASSRNC_LOC |
| Interim Remedial Action Plan | IRAP_R |
| Interim Remediation Results (Includes Pilot Test Reports, Vapor Mitigation Reports, Soil Management Reports, Free Product Removal Reports, & Dual-Phase Extraction Reports) | IR_R |
| Lawsuit | LAWSUIT_R |
| Migration Control Report | MIG_R |
| Miscellaneous Report/Soil Sample | MISC_R |
| Miscellaneous Sample Report (analytical results) | MISC_SAMP_R |
| Notification Letter | NOT_L |
| NPDES Miscellaneous Reports | NPDES_R |
| Operations & Maintenance Plan | OM_P |
| Operations & Maintenance Report | OM_R |
| Pay for Performance | PFP_R |
| Petition | PETITION_R |
| Phase 1 Environmental Assessment Report | PHASE1_R |
| Photos | PHOTO |
| Preliminary Site Assessment Report/Phase 2 (historic reports only) | PSA_R |
| Remedial Action Plan | RAP_R |
| Remedial Design & Implementation Plan | RDIP_R |
| Remediation Progress Report | REM_R |
| Request for Closure | RFC(_L or _R) |
| Risk Assessment Report | RISK_R |
| Risk Based Corrective Action | RBCA_R |
| List of Landowners Forms | LNOWNR_F |
| SB2004 Letter of Commitment | LOC_L |
| Site Conceptual Model/Conceptual Site Model | SCM_R |
| Site Health & Safety Plan | SFTY_PLAN_R |
| Site Management | SITE_MANAGE_R_ |
| Acknowledgement Statement for Site Management Plan | SMP_ACK_L |
| Site Management Plan | SMP_R |
| Site Summary Report | SITE_SUM_R |

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| Soil and Water Investigation Report (Includes soil gas/vapor reports, indoor, additional site investigation, well installation, site characterization, cross section, indoor air, additional onsite investigation, Phase II/preliminary site assessment) | SWI_R |
| Soil Disposal Report | SOIL_DSPL_R |
| Source Area Characterization | SOURCAREA_R |
| State Information | STATE_INFO (no date) |
| Status Report(monthly remediation status reports addressed to sanitary district requires no stamp/perjury letter) | STAT_R |
| Tank/Tank System Removal Report | TNK_R |
| Tentative Order Report | TENT_R |
| Unauthorized Release Form | URF_R |
| UST Sampling Report | UST_SAMP_R |
| USTCF 5 Year Review | USTCF_5YR |
| USTCF issued Public Notice | USTCF_PP_L |
| Well Construction Report (limited to water supply wells) | WELL_CST_R |
| Well Decommissioning Report/Letter (well destruction/abandonment) | WELL_DCM_R |
| Work Plan | WP_R |