

PART VI

CORRECTIVE ACTION FOR SOLID WASTE MANAGEMENT UNITS

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Colorado Hazardous Waste Permit Number CO-02-08-08-01 issued to the Department of Defense, Pueblo Chemical Depot, has been established as the governing document for accomplishing the requirements of Section 3004(u) of RCRA, as amended by HSWA, and 6 CCR 1007-3, §264.101 at the Pueblo Chemical Depot. Section 3004(u) of RCRA, as amended by HSWA, and 6 CCR 1007-3, §264.101 require that permits issued after November 8, 1984 address corrective action for releases of hazardous wastes including hazardous constituents from any solid waste management unit (SWMU) at the facility, regardless of when the waste was placed in the unit. Therefore, whenever contamination of soil or groundwater is discovered anywhere within the boundaries of the Pueblo Chemical Depot, corrective action (remediation) is to be addressed and regulated under Colorado Hazardous Waste Permit No. CO-02-08-08-01.

ATTACHMENT A: Facility Description, Site Maps and Figures

The Pueblo Chemical Agent-Destruction Pilot Plant will be designed to mechanically disassemble and destroy the chemical weapons stockpiled at the U.S. Army Pueblo Chemical Depot. Mustard chemical agent contained in the weapons will be treated in tanks using water and caustic neutralization processes. Further treatment of the resulting solutions will subsequently be performed using a bio-treatment process. Energetics removed from the munitions will be processed on-site or shipped off-site for management.

PCAPP will be constructed in three phases. Phase I construction for PCAPP includes site grading and preparation, and installation of underground utilities. Details of Phase I construction activities are described in the "Phase I Construction Plan," Attachment B of this Permit.

Phase II construction activities for PCAPP include the construction of several support buildings and facilities that will serve to support operations in the primary hazardous waste processing buildings at PCAPP. In general, the buildings and facilities will be pre-engineered and/or pre-fabricated, delivered to the site, and installed over a concrete slab on grade. The buildings will be installed and connected to the underground utilities constructed during the Phase I or Stage I construction activities. Phase II construction activities will include electrical connections to the Electric Substation and installation of transformers. The utilities proposed for construction (i.e., Stage II utilities) are associated with delivery of chilled water and emergency power to the plant. Overhead pipe rack and utility piping will also be installed. Details of the Phase II construction activities are described in the "Phase II Construction Plan," Attachment C of this Permit. A brief description of the buildings and structures to be constructed under Phase II is also provided below.

Phase III construction involves constructing the remainder of the facility, including those systems used to process munitions, agent, and secondary waste. Attachments D through K provide information for Stage III construction. The Stage III buildings and structures are not listed below since the required information is provided in Attachment D.

PCAPP Phase II Buildings and Structures

A. Multi-Purpose Building (MPB)

The MPB will be located northwest of the PSB as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment. The MPB provides warehouse space outside of the chemical limited area (CLA) for storage of materials and equipment. It also serves as a facility to segregate, sample, containerize and store newly generated hazardous waste and will be operated as a 90-day hazardous waste accumulation facility. Furthermore, it is a maintenance facility for maintenance required outside the CLA and it provides office space and an area for gas mask storage.

A laundry will be located in the western portion of the MPB. The laundry will provide the capability to launder, inspect, test, and repair toxicological agent protective (TAP)

rubber goods (that have been monitored to show that they are not agent-contaminated) and associated cotton goods. Rubber goods include suits, aprons, hoods, boots, gloves, and protective gas masks. Cotton goods include coveralls, underwear, socks, towels, and washcloths.

B. Control and Support Building (CSB)

The CSB will be located west of the Agent Processing Building (APB) as shown on the "Stage II Construction Plan," Figure A.3 to this Attachment. The CSB will contain the plant Control Room, and associated offices and facilities. The Control Room will include control systems equipment for PCAPP operations, offices, a meeting/break room and an area from which personnel can view the Control Room without entering it. The CSB will also include a lunch room, locker rooms, showers, restroom facilities, and associated filter system.

A maintenance area will be located in the western portion of the CSB. This area will house areas for mechanical work and welding, and instrumentation and controls shop, a calibration shop, tool room, storage/meeting room, electrical room, communication room, covered laydown/work area, and office space.

C. Entry Control Facility (ECF)

The ECF will be located at the south entrance to the site, just northwest of the laboratory as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment. The ECF will be used for pedestrian access control to the CLA (i.e., the area within the PCAPP security fence) and the adjacent sally port will be used for vehicle access control.

D. Bulk Chemical Storage:

The 25% NaOH tank and associated pumps will be located southeast of the UB and the urea tank and diammonium phosphate (DAP) tank and associated pumps will be located east of the BTA as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment.

E. Personnel Support Building (PSB):

The PSB is an existing building located as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment. A portion of the PSB will be remodeled to include a new air handling unit/filter unit and will be used for medical services (including urinalysis sample collection), ambulance and hazardous material (HAZMAT) vehicle parking, and gas mask fitting, issue, and training.

F. Laboratory Building (LAB) and Laboratory Filter Area (LFA)

The LAB will be located on the site south of the CSB, and west of the MPB as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment. The building will

consist of laboratories and offices, a break area, supplies and storage room, and related support space. A covered area adjoining the LAB will be provided for storing gas bottles.

The LAB will process analytical samples to support PCAPP operations and will consist of an Agent Standards Laboratory, a Sample Receipt Laboratory, the Operations and Analytical Laboratory, a Monitoring Maintenance area, a RCRA Laboratory, and a Biotreatment Laboratory.

1. The Agent Standards Laboratory will be used to prepare and store chemical agent standards.
2. The Sample Receipt Laboratory will be used to receive, unpack, and prepare all samples for movement into the laboratory.
3. The Operations and Analytical Laboratory will be used to perform all of the batch analysis for agent and explosives in addition to the majority of the analytical chemistry for hazardous constituents and other waste analysis to support plant operations and waste disposal. It will also be used to process the majority of the depot air monitoring system tubes for the plant.
4. The Monitoring Maintenance area will be used to perform calibrations and maintenance on monitoring equipment.
5. The RCRA Laboratory will be used to perform metal analyses and toxicity characteristic leaching procedure (TCLP) testing for RCRA characterization of waste streams.
6. The Biotreatment Laboratory will be used for analysis of effluent from the bioreactors.

A LFA will be located on the east side of the LAB as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment. The LFA will function to filter HVAC exhaust from the LAB before it is discharged through a stack to the atmosphere.

G. Switchgear

Switchgear will be located east of the 25% NaOH tank and west of the utility building as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment.

H. Treaty Office Facility (TOF)

The TOF will be located northeast of the ECF as shown on the "Stage II Construction Plan," Figure A.3 of this Attachment. The function of the TOF is to provide work space

and equipment storage space to treaty inspectors and their escorts when performing monitoring and verification of chemical weapons destruction activities.

I. Utility Building (UB)

The UB will be centrally located, northeast of the APB and west of the Biotreatment Area (BTA) as shown in the “Stage II Construction Plan,” Figure A.3 of this Attachment. The UB houses two electrical rooms and a communication closet. Boilers, compressors, dryers and air receivers are located outside near the UB.

J. Cooling Tower System

The Cooling Tower System will provide cooling capacity for PCAPP operations. The Cooling Tower System will consist of cooling towers, pumps, an expansion tank, a chemical feed tank, packaged chemical units, piping, valves, and other ancillary equipment. The cooling towers, process cooling water pumps, packaged chemical units, and pipe racks will be located in the yard west of the BTA as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. The system will include the demineralized cooling water heat exchangers, demineralized cooling water pumps, demineralized cooling water expansion tank, the surge tank and other heat exchangers.

K. Electric Substation

The existing substation southeast of PCAPP is shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. The existing electrical substation will be expanded and will provide sufficient power for PCAPP operations.

L. Fire Water Tanks

The fire water tanks are located south of PCAPP as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. The fire water tanks will provide for water at adequate volume and pressure to supply the fire suppression systems at PCAPP in accordance with 6 CCR 1007-3, Section 264.32(d).

M. Fuel Tank and Pumps

A large fuel oil storage tank and transfer pumps will be located in the yard, west of the BTA as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. The fuel tank will provide diesel fuel storage for the SDGs and boilers to support PCAPP operations.

N. Chilled Water System

The Chilled Water System will be a variable flow recirculating water system that includes chillers, chilled water pumps, an expansion tank, an air separator, and a

chemical feed tank. The Chilled Water System, will be located south of the UB as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment.

O. Reverse Osmosis (RO) and Demineralized Water System

This system will be located east of the UB as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. This system will provide treated water for makeup to the steam boiler deaerator, process cooling water expansion tank, and the munitions washout system.

P. Pipe Racks

Exterior overhead pipe racks will be located throughout PCAPP as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. The pipe racks function to distribute utility piping to the PCAPP operations and facilities.

Q. Sanitary Waste Tank and Pumps

The Sanitary Waste Tank and pumps will be located south of the UB as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. The purpose of this system is to receive sanitary waste flows from the facility and store the waste so that it can be shipped off-site for disposal.

R. Standby Diesel Generators (SDGs)

Standby Diesel Generators will be located as shown on the “Stage II Construction Plan,” Figure A.3 of this Attachment. The SDGs will provide for sufficient back-up power to the essential power loads should the primary power source to PCAPP be interrupted.

List of Drawings/Figures in Attachment A

Drawing Number	Title
Figure A.1	Pueblo Chemical Depot Site Topographic Map
Figure A.3	Stage II Construction Plan
Drawing 24852-RD-A1-CSB-A0021-R01	Control Support Building

The drawings listed in the table above are included in the following pages of Attachment A.

ATTACHMENT B: Phase I Construction Plan

The Permittees are authorized under this Permit to conduct the following construction activities (Phase I construction activities) at the PCAPP facility site:

- 1) Clearing and grubbing as necessary to support construction of the PCAPP facility;
- 2) Grading and backfill of the PCAPP Site as described on the "Rough Grading Plan," Drawing 24852-RD-CG-Y-C0010 through C0015 of this Attachment and in accordance with the Site Grading Drawings and the Engineering Specification for Earthwork specified in Permit Condition I.I.6. As depicted in drawings 24852-RD-CG-Y-C0010 through C0015, the final rough grade for the PCAPP Site will slope at approximately 0.3 percent from approximately El. 4,751 feet in the northwest corner of the plant area to approximately El. 4,740 feet in the southeast corner. Soils used for site grading must be sufficiently strong and incompressible to support the PCAPP foundation loading using shallow foundations consisting of spread footings with design bearing pressures in the range of 2000 to 3000 pounds per square foot. Soils used for site grading must be compacted to a density of at least 90 percent of maximum density in accordance with ASTM D-1557 (Modified Proctor) and within +/- 3 percent of optimum moisture. All backfill beneath structures must be compacted to a minimum of 95 percent of the maximum density in accordance with ASTM D-1557 (Modified Proctor);
- 3) For construction of the PCAPP storm water drainage system, the associated storm water basin will be constructed as depicted on Drawing 24852-RD-CO-Y-C0010 of this attachment. The storm water drainage system will include the construction of storm drain pipes, catch basins, manholes, and culverts as described on the "Storm Sewer Plan," Drawing 24852-RD-CD-Y-C0010 of this Attachment;
- 4) Construction and installation of underground electrical and natural gas lines and hi-mast lighting and fencing;
- 5) Construction and installation of underground potable water and fire water lines, and fire hydrants as described on the "Underground Utilities Key Plan," Drawing 24852-RD-CO-Y-C0010 of this Attachment. Fire water lines must be capable of providing adequate volume and pressure for fire suppression capabilities in PCAPP. Yard fire hydrants must have a designed flow rate of 750-gpm.
- 6) Construction and installation of underground sanitary sewer lines, sanitary sewer manholes, and sanitary sewer cleanout ports as described on the "Underground Utilities Key Plan," Drawing 24852-RD-CO-Y-C0010 of this Attachment; and
- 7) Construction and installation of the temporary construction facilities, including construction roads, construction power, parking and laydown areas, and other temporary structures or buildings within the construction footprint of PCAPP as identified on

Drawing 24852-C2K-Y-C0006 of this Attachment, “Temporary Construction Facilities Stage 1B.”

Note 1: As specified in Permit Condition I.A., this Permit does not authorize any exemption to other applicable local, state, or federal regulation including any requirements specified for these construction activities under Land Development Construction Permit No. 03PB1078L and any other required Construction Permit issued by the Colorado Air Quality Control Division or NPDES General Permit for Storm Water Discharges from Construction Activities issued by the U.S. EPA.

Note 2: Utility construction materials must be acquired and installed in accordance with the PCAPP Quality Management Plan, the Bechtel Procurement Supplier Quality Manual of Procedures, and the Design-Build Plan for the PCAPP specified under Permit Condition I.I.5.

List of Drawings in Attachment B

Drawing Number	Title
24852-RD-CG-Y-C0010-R01	Rough Grading Plan, sheet 1 of 6
24852-RD-CG-Y-C0011-R01	Rough Grading Plan, sheet 2 of 6
24852-RD-CG-Y-C0012-R01	Rough Grading Plan, sheet 3 of 6
24852-RD-CG-Y-C0013-R01	Rough Grading Plan, sheet 4 of 6
24852-RD-CG-Y-C0014-R01	Rough Grading Plan, sheet 5 of 6
24852-RD-CG-Y-C0015-R01	Rough Grading Plan, sheet 6 of 6
24852-RD-CO-Y-C0010-R01	Underground Utilities Key Plan,
24852-RD-CD-Y-C0010-R01	Storm Sewer Plan
24852-C2K-Y-C0006-R01	Temporary Construction Facilities Stage 1B

The drawings listed in the table above are included in the following pages of Attachment B.

ATTACHMENT C: Phase II Construction Plan

The Permittees are authorized under this Permit to install the following buildings, facilities, and above ground utilities for Phase II construction of the PCAPP facility site:

- 1) Multi-Purpose Building (MPB): The MPB is a pre-engineered, single-story structural steel building with insulated metal siding and roofing. It contains approximately 28,500 square feet in area (not including the laundry area discussed below). The MPB provides warehouse space outside the chemical limited area (CLA) for storage of materials and equipment. It also serves as a holding place for waste materials and storage of materials used in hazardous waste handling. Furthermore, it is a maintenance facility for maintenance required outside the CLA. The MPB also provides office space and an area for gas mask storage. An air handling/conditioning unit will be installed near the MPB for ventilation purposes.

The western portion of the MPB is used for a laundry. This area is approximately 14,000 square feet. A drainage system will capture laundry waste water and will drain to a 30,000-gallon holding tank located outside and east of the MPB. The waste water will be shipped offsite.

The MPB shall be constructed as shown on the “Multi-Purpose Building Floor Plan Design Requirements Drawings, “Drawings 24852-RD-A1-MPB-A0022 and 24852-RD-A1-MPB-A0023 of this attachment.

- 2) Control Support Building (CSB) and filter area: The CSB is a single-story, pre-engineered steel structure with insulated metal walls and roof. It contains approximately 18,400 square feet of area (not including the maintenance area discussed below). The facility control system hardware will be located in the Control Room, which is located in this building. The hardware will be an integrated system that provides operator control of both the facility protection system and process equipment programmable logic controllers.

The control room area includes the control room, offices for the operations personnel, client shift representative, a conference-ready room, and areas for observation and training, engineering automation, and a break room, electrical room, communication room, restrooms, and control system equipment room. This control room is provided preconditioned and filtered air via an outdoor air filtration system, which includes an outdoor air intake, a low - efficiency filter, an electric duct heating coil, a filter unit, and two outdoor air supply fans. The filter unit consists of an 85% efficiency filter, a HEPA filter, and two-stage charcoal filters, followed by another HEPA filter.

The CSB will also include a lunch room that may also be used for shift meetings, locker rooms for men and women, and showers and restroom facilities. Protective clothing will be stored and issued in the southwest corner of the CSB. A room that is accessible from both the men’s and the women’s locker rooms will serve as a collection and monitoring point for soiled clothing, gear, and towels, which will be transported to the laundry building.

A maintenance area is located in the western portion of the building and is approximately 8,500 square feet in area (approximately 10,5000 square feet including covered exterior space).

The CSB shall be constructed to match the “Control Support Building Floor Plan Design Requirements Drawing” as shown on Drawing 24852-RD-A1-CSB-A0021 of this Attachment.

- 3) Entry Control Facility (ECF): The ECF will house a gatehouse and enclosed passageways for processing personnel, security screening equipment, and one sally port. The facility is a single-story building and will have HVAC equipment and a stand-by generator.

The sally port will be spaced adjacent to the facility for parking and searching vehicles between the inner and outer fences.

- 4) Bulk Chemical Storage: includes a 35,650 gallon 25% NaOH tank and associated pumps used to store and transfer caustic that is used in the APB and the BTA: a 5,000-gallon urea tank and associated pumps used to store and transfer urea that is used in the BTA: and a 5,000-gallon DAP tank and associated pumps used to store and transfer diammonium phosphate to the BTA.
- 5) Personnel Support Building (PSB) modifications and exhaust filter: A portion (approximately 6,000 square feet) of the existing PSB will be renovated to include the following: medical facility, gas mask fitting/issue/training facility, and a urinalysis sampling facility. An ambulance/hazardous material (HAZMAT) vehicle facility (adjacent to the medical facility) will also be constructed. The PSB medical area ventilation system includes features (filter unit) to control the spread of any outside agent contamination to the medical areas. An HVAC system is used to pressurize the medical areas to prevent migration of contaminants in the event of a chemical release.
- 6) Laboratory (LAB) and Laboratory Filter Area (LFA), : 7,000 square foot (approximate), single-story modular building constructed on a concrete slab on grade.

The Laboratory Filter Area will include equipment for filtering HVAC exhaust from the Laboratory Building before it discharges through a stack to the atmosphere. The building will be designed for safety and performance in accordance with OSHA, NFPA, and applicable laboratory standards. Laboratory equipment, fume hoods, sinks, cabinets, work surfaces, and casework will be coordinated and designed for chemical resistance, safety and efficiency.

The LAB shall be constructed as shown on the “Laboratory Building Floor and Life Safety Plans Design Requirements Drawing”, Drawing 24852-RD-A1-LAB-A0021 of this Attachment.

- 7) Switchgear: Switchgear will be located east of the 25% NaOH tank and west of the UB as shown on the “Stage II Construction Plan.” Figure A.3 in Attachment A.

- 8) Treaty Office Facility (TOF): The TOF is a 1400-square-foot, single-story metal-framed, modular, transportable structure with insulated metal siding and roofing.
- 9) Utility Building (UB): approximately 2,700 square foot, single-story, structural steel braced-frame structure with insulated metal panel siding and roofing and air handling units.
- 10) Cooling towers: The cooling towers, process cooling water pumps, packaged chemical units, and pipe racks will be located in the yard west of the Biotreatment Area. The equipment, piping, and valves in the yard will be insulated and heat-traced. The major components of the system are:
 - Four (4) cooling towers,
 - Four (4) cooling tower spray water pumps,
 - Two (2) process cooling water pumps,
 - One (1) process cooling water expansion tank,
 - One (1) process cooling water chemical feed tank (for the introduction of corrosion inhibitor),
 - Four (4) packaged chemical units for control of corrosion and cooling tower chemistry,
 - Piping, valves, and other ancillary equipment.
- 11) Electric substation: The existing electrical substation will be expanded with the addition of a second transformer.
- 12) Fire water tank: an additional aboveground fire water tank with a nominal capacity of 125,000-gallons will be installed near the existing fire water tank in order to provide sufficient fire water capacity based on the Unified Facilities Criteria (UFC) 3-600-01. Based on the current design of the PCAPP facility and the criteria specified in UFC 3-600-1, the fire water system shall be capable of providing a minimum fire water flow rate of 1,650 gallons per minute (gpm). Once PCAPP operations begin, a minimum fire water supply of 198,000-gallons shall be maintained, distributed between the two fire water supply tanks (based on UFC 3-600-01).
- 13) Fuel Storage Tank including pumps: The major components of the system are:
 - One (1) 75,000-gallon, field-erected, aboveground fuel oil storage tank,
 - One primary and one standby diesel fuel transfer pump,

- One (1) unloading station outside the security fence, and
- Piping, valves, pipe racks, etc. (items serving a support function).

The storage tank will have secondary containment and will have a ground-level remote fuel truck unloading station outside the security fence to facilitate filling by a fuel truck. The storage tank will hold diesel fuel oil which will be distributed via pumps and aboveground piping to day tanks associated with each Standby Diesel Generator and the boilers.

14) Chilled Water System: The major components of the chilled water system are:

- Three (3) air-cooled chillers (chilled water will consist of a mixture of water and propylene glycol),
- Three (3) chilled water pumps,
- One (1) expansion tank,
- One (1) air separator, and
- One (1) chemical feed tank (for introducing corrosion inhibitor solution into the closed chilled water loop).

15) Reverse-Osmosis (RO) and Demineralized Water System:

The major equipment in this system consists of two trailer-mounted RO packages (one operating and the other an unconnected standby or spare), one RO product water tank, and two RO product water distribution pumps. Each trailer package consists of a prefilter vessel, RO filters, tanks, pumps, package chemical feed units, valves, piping, electrical distribution, electrical panels, and instrumentation and controls.

16) Aboveground Pipe Racks: During Phase II construction, exterior utility pipe rack will be installed. The pipe rack shall be designed in accordance with the Structural Engineering Institute (SEI)/American Society of Civil Engineers (ASCE) 7-02; International Building Code (IBC) 2003: Unified Facilities Criteria (UFC) 3-310-02A: American Institute of Steel Construction (AISC) Allowable Stress Design (ASD) 9th Edition and the piping on the rack will be designed per the American Society of Mechanical Engineers Process Piping Code B31.3, 2004. Pipe rack will be constructed of structural steel and supported by spread footings. The minimum height to the bottom of the lowest point is 17-feet where rack crosses roadways. The racks may be 1, 2, or 3 tiered. Although hazardous waste piping is planned to be installed in the overhead pipe racks during a subsequent phase of construction, no piping used to transfer hazardous waste will be installed during Phase II construction.

- 17) Sanitary Waste Tank and Pumps: The Sanitary Waste Tank will be approximately 40,000 gallons in capacity. This tank will receive sanitary waste flows from the facility and store the waste so that it can be shipped off-site for disposal.
- 18) Two (2) Standby Diesel Generators (SDGs): The onsite essential power source will consist of two diesel generator sets, with each unit rating (2750 kW) selected to serve 100 percent of the worst-case essential load profile with a 15 percent margin. Each generator set will consist of an engine and generator, generator breaker and accessory modules, as required (e.g., coolant equipment), 8-hour fuel tank, starting/charging equipment, instrumentation, control panel, generator panel, accessory motor control center, and distribution panels. The fuel storage tank has sufficient capacity to allow each diesel generator to supply essential equipment and systems for up to five consecutive days. Medium-voltage switchgear breaker control will be powered from 48 volt direct current (VDC) battery systems. Each switchgear will have a dedicated 48 VDC nickel cadmium battery system, including charger and distribution panel. The SDG breakers will be powered by battery systems, including charger, furnished as part of the supplier's standard design.

The following are major components for the Essential Power Supply System:

- ES-E02-3601A: 13.2 kV switchgear, metal-enclosed, 1,200 amps, 52kA(crest), vacuum-type breaker(s)
- ES-E02-3601B: 13.2 kV switchgear, metal-enclosed, 1,200 amps, 52kA (crest), vacuum-type breaker(s)
- Master manual/auto synchronizing panel
- Diesel generator sets MS-E02-E0001A, and MS-E02-E0001B.

Note 1: In addition to the above, this Permit authorizes the installation of electrical transformers as well as connections via power cables.

Note 2: This Permit does not authorize the installation of any piping to be used to transfer hazardous waste.

Note 3: Waste management activities in the MPB will be limited to those activities allowed by the generator requirements specified in 6 CCR 1007-3, Section 262.

Note 4: The laboratory shall be of adequate size, layout, and design to ensure that reliable analytical data can be generated.

Note 5: As specified in Permit Condition I.A., this Permit does not authorize any exemption to other applicable local, state, or federal regulation including any requirements specified for these construction activities under Land Development Construction Permit No. 03PB1078L and any other required Construction Permit issued by the Colorado Air Quality Control Division or the

NPDES General Permit for Storm Water Discharges from Construction Activities issued by the U.S. EPA.

Note 6: Construction materials must be acquired and installed in accordance with the PCAPP Quality Management Plan, the Bechtel Procurement Supplier Quality Manual of Procedures, and the Design-Build Plan for the PCAPP specified under Permit Condition I.I.5.