

Type 1 Facility Closeout Report

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| Section A. Facility Data | |
| Facility No. | B891 |
| Facility Descriptor: | Consolidated Water Treatment Facility |
| Project: | RISS - Area 7: D&D |
| Date of Demolition: | 7/7/05 - 8/3/05 |
| Additional Information: | Treatment equipment and building shell demolished and disposed. |
| <i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i> | |

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| Section B. Final Characterization Data | |
| Reconnaissance Level Characterization Report <i>(concurrence received)</i> | Reconnaissance Level Characterization Report - Concurrence, David A. Kruchek to John Rampe, dated July 25, 2005. |
| In-process Characterization | N/A |
| Pre-Demolition Survey Report <i>(approval received)</i> | July 25, 2005 |
| Post-Demolition Survey Report <i>(as necessary)</i> | N/A |

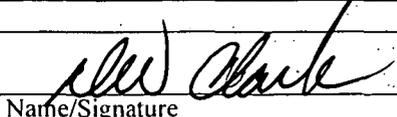
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| Section C. Waste Data <i>(complete categories as appropriate)</i> | |
| Sanitary Disposal | |
| Disposal Site: | BFI Foothills 93 Landfill, Golden, Colorado |
| Waste Volume (m ³): | 5160 Cubic yards |
| Waste Weight (tons): | 2080.73 net tons |
| Additional Information: | Above grade building debris, tanks, internal equip., concrete foundation |
| Hazardous Disposal | |
| Disposal Site: | Kettleman Hills Facility, Kettleman City, CA, Bethlehem Apparatus Co, Hellertown, PA or Onyx, Henderson, CO. |
| Waste Volume (m ³): | Minor amounts |
| Additional Information: | Electronic circuit boards, thermostats, exit signs, batteries, fluorescent light bulbs and any other RCRA hazardous components were removed and taken to the RFCA temporary unit for combination with like waste streams for disposal. |
| TSCA Waste Disposal | |
| Disposal Site: | |
| Waste Volume (m ³): | N/A |
| Additional Information: | |
| Asbestos Waste Disposal | |
| Disposal Site: | |
| Waste Volume (m ³): | N/A |
| Additional Information: | |
| Low-Level Waste Disposal | |
| Disposal Site: | Envirocare of Utah |
| Waste Volume (m ³): | 181.25 m ³ |
| Additional Information: | |
| Low-Level Mixed Waste Disposal | |
| Disposal Site: | Envirocare of Utah |
| Waste Volume (m ³): | 168.3 m ³ |
| Additional Information: | |
| Recycled Material | |
| Recycle Facility: | |
| Waste Volume (m ³): | N/A |
| Additional Information: | |

ADMIN RECORD

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Type 1 Facility Closeout Report

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| Property Disposition | |
| Receiver Locations (major items only): | N/A |
| Volume (m³): | |
| Weight (tons): | |
| Additional Information: | |

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| Section D. Approvals | | |
| Kaiser-Hill Project Manager |  | 9/1/05 |
| | Name/Signature | Date |

Additional Facility Information

Building 891 is located in the southeast area of the Industrial Area of the Site. The building is a single story engineered metal structure constructed in 1991. Its early mission was treatment of the Operable Unit (OU) 1 groundwater, located south and east of B881. In 1995, the unit was combined with the OU-2 treatment facility, and renamed the Consolidated Water Treatment facility (CWTF).

The CWTF consisted of a Granular Activated Carbon (GAC) unit, a chemical precipitation/microfiltration system, a UV/peroxide oxidation unit, and series of ion exchange columns. Building 891 was removed during D&D activities, and sent offsite for disposal. All contaminated and potentially contaminated equipment and systems were removed from the building in accordance with the Facility Component Removal, Size Reduction, and Decontamination Activities RSOP. Additionally, a closure description like document was written to address the RSOP requirement for a Closure Plan that meets the substantive elements of a Closure Description Document.

The treatment system at B891 was set-up as a CERCLA treatment operation. However, OU-1 was designated as using F-listed solvents (F001, F002, and a later waste stream with U211), thus requiring those portions of the treatment unit be closed using the substantive requirements of RCRA closure as guidance. Specifically, the following components were closed using this guidance:

- initial GAC unit,
- the chemical precipitation/microfiltration units in T900A and T900B,
- the UV/peroxide unit, and
- a polishing GAC unit

Influent tank T-201 and surge tanks T202 and T-203 were drained of liquids, and steam-cleaned with a high- pressure washer to meet the substantive closure requirements via clean debris decontamination (see attached Professional Engineer certification), and disposed of as sanitary waste. The remainder of the treatment unit was disposed of as LLW. The utilities were disconnected and removed to at least three feet below final grade as indicated on the attached map. There are no remaining structural components, utility lines, or parts of the foundation. The building is not in an IHSS or PAC therefore no soil sampling is required.

B891 had the following utilities: electrical, potable water, and sanitary drains. Refer to the attached map for location of utilities.

I, the undersigned, a State of Colorado Registered Professional Engineer, hereby certify that closure via clean debris decontamination of Rocky Flats Building 891 CERCLA tanks T-201, T-202, and T-203 was achieved. Each tank was drained of liquids and then steam cleaned with a high-pressure washer to meet the closure standards required for these tanks.

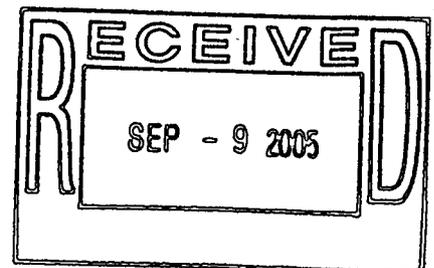
Visual inspections were conducted for each tank, with the date each tank met closure standards listed below:

| <u>Tank Number</u> | <u>Inspection Date</u> |
|-------------------------------|------------------------|
| T-201 – Influent Storage Tank | July 21, 2005 |
| T-202 – Surge Tank | July 20, 2005 |
| T-203 – Surge Tank | July 19, 2005 |

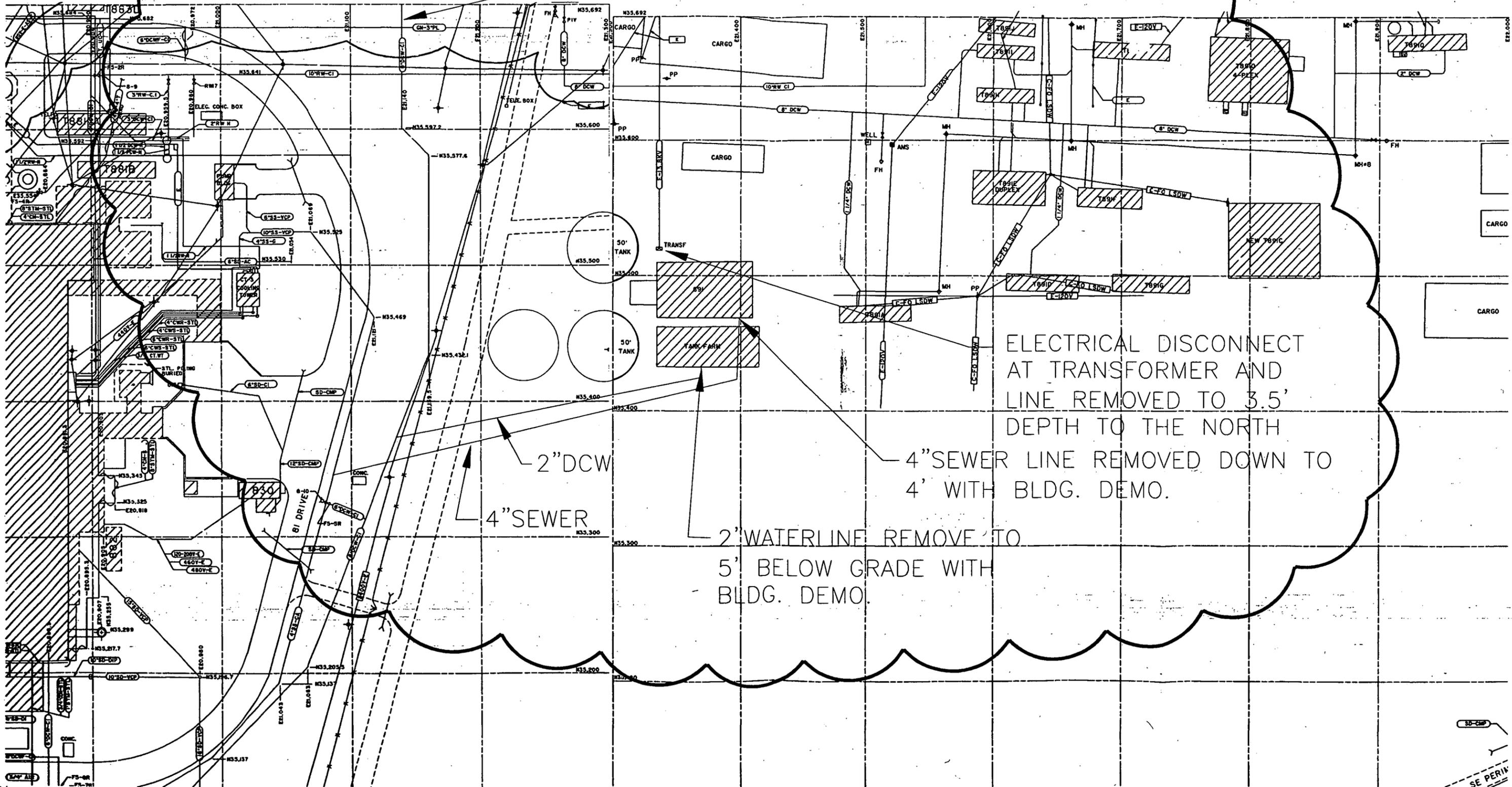
Professional Engineer seal, signature, and date attesting to closure certification statement:



Michael Tylon Vess, P.E.
Colorado P.E. # 36144
July 25, 2005



8" WATER MAIN CAPPED
AT THIS POINT.



ELECTRICAL DISCONNECT
AT TRANSFORMER AND
LINE REMOVED TO 3.5'
DEPTH TO THE NORTH

4" SEWER LINE REMOVED DOWN TO
4' WITH BLDG. DEMO.

2" WATERLINE REMOVE TO
5' BELOW GRADE WITH
BLDG. DEMO.

2" DCW
4" SEWER

3D-CAP
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