
APPENDIX H

**Installation Certification and Final Inspection
and Acceptance Form**



A Siemens Business

11711 Reading Road
Red Bluff, CA 96080

TELEPHONE (530) 528-4265
FACSIMILE (530) 527-8724

INSTALLATION CERTIFICATION

Per the specifications, USFilter Westates is certifying the delivery and installation of (12) HP-1230 Granular Activated Carbon Adsorption Systems (GACAS) with inter-connecting piping for the URS – Muscoy Plume Operable Unit Site in San Bernardino, CA. USFilter has installed all equipment associated with GACAS per the manufacturer's specifications and recommendations and Shop Drawings as approved by URS.



MUSCOY OU RA / 19TH STREET TREATMENT PLANT

FINAL INSPECTION FORM

Contract No.: EPA Contract No. 68-W-98-225; WA No. 069-RARA-09J5 Date: 7/28/05
URS Project No.: 18600069
Project Title: Muscoy Operable Unit (OU) Remedial Action (RA)
Definable Feature of Work: 19th Street Treatment Plant Construction

Table with 3 columns: Name, Position, Organization. Lists 13 personnel including Stacey Aldstadt, Bill Bryden, Mike Garland, Terry Tonn, Dave Solomona, Lana Kennerly, Mark Eisen, Bob Kemmerle, Kim Hoang, Dwayne Deutscher, Dennis Bane, Nick Reylek, and Adam Harvey.

(List additional personnel on reverse side.)

This is to certify that the above referenced Definable Feature of Work has been completed and inspected in accordance with the final design, and is accepted by the personnel listed below with the exceptions listed on Attachment A. Note that this form is for acceptance of the 19th Street Treatment Plant only. The undercrossing and pipelines were accepted previously on separate acceptance forms. The Encanto Park Booster Pump Station, Muscoy extraction wells, and Muscoy monitoring wells will be accepted on separate forms.

Attachment A is the List of Exceptions. This list is acceptable to signers as of this date. These items will be inspected and accepted at a future time.

Stacey Aldstadt 8-5-2005
City of San Bernardino Municipal Water Dept.

W. William Bryden 8-5-05
City of San Bernardino Municipal Water Dept.

Drumell 8-9-05
U.S. EPA

Kehat Z Kemmerle 9-14-05
E1

Nick Reylek 8-22-05
URS Resident Inspector

Mark Eisen 8/19/05
URS Construction Manager

Dwayne Deutscher 8/10/05
URS Site Manager

Adam Harvey 8/15/05
URS Engineer

Attachment A

Exceptions for Final Inspection and Acceptance for the 19th Street Treatment Plant dated 28 July 2005.

1. Recalibration, reinstallation, and testing of the differential pressure transducers.
2. ACV-3 leaks by
3. Pressure gauges on GAC vessels to be oil-filled
4. Touch up paint on the north and south gates/fence
5. Backwash supply header flow (FIT-07) is not displayed on SCADA
6. West influent pressure transducer is reading about 10 psi high
7. Instrumentation signal cable shields need to be grounded
8. Several GAC vessel camlock covers and gaskets missing
9. GAC vessel carbon fill/drain valves require bolts
10. GAC vessels need steel cables to camlock covers
11. GAC vessel carbon sample ports need covers
12. Grout around base of light standards
13. Standing water in slide gate valve vault
14. Taps for differential pressure and pressure transducers on the influent and effluent pipelines south of the GAC vessels require bleed valves.
15. BP-5 control panel requires lockable hand-off-auto switch, emergency stop button, and timeout indicator light
16. Conduit penetrations into chlorine room ceiling have gaps
17. Air release valves on the top of the GAC vessels appear to clog easily and will be monitored by SBMWD for further action if warranted
18. Air may be accumulating in various locations in the system and will be monitored by SBMWD for further action if warranted