



State of Ohio Environmental Protection Agency

Northwest District Office

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Bob Taft, Governor
Bruce Johnson, Lieutenant Governor
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December 8, 2005

Certified Mail 7002 2410 0003 1155 8256

Mr. Charles E. Stewart
Brush Wellman, Inc.
14710 West Portage River South Road
Elmore, Ohio 43416-9502

RECEIVED
OHIO EPA

Re: **Hazardous Waste Permit Modification
Class 1A Approval
Brush Wellman, Inc.
OHD 004 212 999 / 03-62-0042**

DEC 14 2005

DIV. OF HAZARDOUS WASTE MGT.

Dear Mr. Stewart:

On October 11, 2005, Ohio EPA received a request for a Class 1A (Class 1 requiring prior approval) hazardous waste permit modification (tracking number - OHD004212999-051011-1A-1) from Brush Wellman, Inc. (BWI). With this letter, Ohio EPA approves the above referenced Class 1A modification submitted pursuant to Ohio Administrative Code (OAC) Rule 3745-50-51.

The following modification has been made to your June 14, 2001, Ohio Hazardous Waste Facility Installation and Operation Permit (permit). Also, the records of Ohio EPA have been changed accordingly:

Bis (2-ethylhexyl) phthalate has been added as a hazardous constituent in Table F-1 of your permit terms and conditions and Tables E-1 and 5-1 of Section E of your permit application (Integrated Ground Water Monitoring Program).

Enclosed are copies of the revisions to the permit terms and conditions and the permit application. These have been included to ensure that all involved parties have written confirmation of the changes.*

If you have any questions concerning this action, please contact Amber Hicks, Ohio EPA Northwest District Office, at (419)373-3082.

Sincerely,


Shannon Nabors
Chief

*Also, in accordance with OAC Rule 3745-50-51(D)(1)(a)(ii), Brush Wellman, Inc. shall send a notice within 90 days of an approved Class 1A Modification to all persons on the Agency mailing list. An updated mailing list can be obtained by contacting Pamela Allen at (614)644-2980, or by e-mail at pamel.a.allen@epa.state.oh.us.

/cs

Enclosures

pc: Jeremy Carroll, Supervisor, Engineering Unit, DHWM, CO (w/enc)
Pamela Allen, Manager, RIS, DHWM, CO (w/enc)
Gary Deutschman, DHWM, NWDO (w/enc)
Chad Zajkowski, DDAGW, NWDO (w/enc)
DHWM, NWDO File: Brush Wellman - Permit (w/enc)
NWDO Document Library: Brush Wellman, Section E (enc only)

ec: Marie Jarden, DHWM, CO
Amber Hicks, DHWM, NWDO
Eric Getz, Asst. Chief, NWDO
Ed Merriman, DHWM, NWDO
Gary Deutschman, DHWM, NWDO
Larry Chako, Brush Wellman, Inc.

Table F-1

Well ID	Semi-annual Sampling Event			Annual Sampling Event							Water Level
	Hazardous Constituents*	Possible Degradation Products	Other VOCs*	APP IX VOCs plus cis-1,2-DCE and TICS	FOA Wells	Appendix IX Metals plus Iodides	Cyanide	App IX PCBs	App IX SVOCs		
MW-40	•	•	•	•	•	•	•	•	•	•	•
MW-41	•	•	•	•	•	•	•	•	•	•	•
MW-43	•	•	•	•	•	•	•	•	•	•	•
MW-36**	•	•	•	•	•	•	•	•	•	•	•
MW-37	•	•	•	•	•	•	•	•	•	•	•
MW-20	•	•	•	•	•	•	•	•	•	•	•
MW-44	•	•	•	•	•	•	•	•	•	•	•
MW-45	•	•	•	•	•	•	•	•	•	•	•
MW-50	•	•	•	•	•	•	•	•	•	•	•
MW-39				•	•	•	•	•	•	•	•
MW-16				•	•	•	•	•	•	•	•
MW-19				•	•	•	•	•	•	•	•
MW-50				•	•	•	•	•	•	•	•
MW-52				•	•	•	•	•	•	•	•
MW-27				•	•	•	•	•	•	•	•
MW-42				•	•	•	•	•	•	•	•
MW-32				•	•	•	•	•	•	•	•
MW-33				•	•	•	•	•	•	•	•
MW-26				•	•	•	•	•	•	•	•
MW-35**				•	•	•	•	•	•	•	•
MB-02				•	•	•	•	•	•	•	•
MW-34				•	•	•	•	•	•	•	•
MW-21				•	•	•	•	•	•	•	•
MW-22				•	•	•	•	•	•	•	•
MW-17				•	•	•	•	•	•	•	•
MW-29				•	•	•	•	•	•	•	•
MW-30				•	•	•	•	•	•	•	•
MW-31				•	•	•	•	•	•	•	•
MW-38				•	•	•	•	•	•	•	•
MW-48				•	•	•	•	•	•	•	•
MW-50				•	•	•	•	•	•	•	•
MB-01				•	•	•	•	•	•	•	•
MW-9D				•	•	•	•	•	•	•	•
MW-10D				•	•	•	•	•	•	•	•
MW-11D				•	•	•	•	•	•	•	•
MW-12D				•	•	•	•	•	•	•	•
MW-28D				•	•	•	•	•	•	•	•
MW-24D				•	•	•	•	•	•	•	•
MW-25D				•	•	•	•	•	•	•	•
MW-51D				•	•	•	•	•	•	•	•
P-03				•	•	•	•	•	•	•	•
P-04				•	•	•	•	•	•	•	•
P-05				•	•	•	•	•	•	•	•
P-06				•	•	•	•	•	•	•	•

Water Level Collector Only

Beach Pump Wells

Pine Grove Wells

Monitoring Wells

Hazardous Constituents - tetrachloroethene (PCE), trichloroethene (TCE), cis 1,2-dichloroethylene (Cis 1,2-DCE), Arsenic and bis (2-ethylhexyl) phthalate
Possible Degradation Products - trans 1,2-dichloroethylene (Trans 1,2-DCE), 1,1-dichloroethyene (1,1-DCE), 1,1-dichloroethane (1,1-DCA), 1,2-dichloroethane (1,2-DCA), chloroethane, vinyl chloride
Other VOCs - 1,1,1-trichloroethane (1,1,1-TCA)
TICS - Tentatively Identified Compounds
Annual Sampling of MW-35 and MW-36 for Appendix IX SVOCs and PCBs will occur for three years and every other year following the third year.