



Hudson Valley Research Park  
2070 Route 52  
Hopewell Junction, NY 12533-3507  
G. Marone, B/325

May 28, 2015

Director, Remedial Bureau C  
Division of Environmental Remediation  
New York State Department of Environmental Conservation  
625 Broadway  
Albany, New York 12233-7014

Subject: Solid Waste Management Unit Inventory Update

Reference: IBM East Fishkill Corrective Action Program  
IBM East Fishkill Facility  
Hopewell Junction, New York  
NYSDEC Part 373 Permit 3-1328-0025/00249  
EPA ID No. NYD000707901

Dear Director, Remedial Bureau C:

The purpose of this letter is to provide you with the required annual update of our Solid Waste Management Unit (SWMU) Inventory pursuant to Module II.C.1 of the above referenced Part 373 Permit. This update is for the calendar year 2014.

No new SWMUs were added to the facility inventory in 2014, but the following revisions have been made in the attached Annual Solid Waste Management Unit (SWMU) Inventory Update table below. Status and location changes were made based on field review of the units.

A copy of the updated *NYSDEC Part 373 Permit Document, Module II Corrective Action, Appendix II-E Solid Waste Management Unit Location Map*, dated 5/22/15, is included. Minor changes were made to the mapped locations of SWMUs within B/338, B/330C, and B/330D based on field review of the units.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Please contact Jayne Ulrich at (845) 894-4392 if you have any questions or require further information.

Sincerely,  
International Business Machines Corporation

A handwritten signature in black ink that reads "Gary Marone". The signature is written in a cursive, flowing style.

Gary Marone  
Environmental Engineering

c: A. Czuhanich, NYSDEC (with enclosure and electronic copy)  
NYSDEC Region 3, Regional Remediation Engineer (electronic copy)  
NYSDEC, Supervisor RCRA Permitting Section (electronic copy)  
USEPA Region 2, Chief RCRA Programs Branch (electronic copy)  
H. Wilkie, NYSDEC (electronic copy)

IBM East Fishkill Corrective Action Program  
IBM East Fishkill Facility  
Hopewell Junction, New York  
NYSDEC Part 373 Permit 3-1328-0025/00249  
EPA ID No. NYD000707901

Annual Solid Waste Management Unit (SWMU) Inventory Update  
January 1, 2014 - December 31, 2014

Unit ID #	Description	Previous Location	Revised Location	Previous Permit Status	Revised Permit Status	Previous Groundwater Remediation Area	Revised Groundwater Remediation Area	RCRA Status
81	Sanitary/Treated Ind. Wastewater	B/325 N	No Change	Active	Inactive	No	No Change	No Further Action *
183	Sanitary/Treated Industrial Waste	B/325 N	No Change	Abandoned, Inactive	Inactive	No	No Change	No Further Action *
577	Industrial Waste Sludge	B/312 E	No Change	Active	Removed	No	No Change	No Further Action *
580	Industrial Waste Sludge	B/312 E	No Change	Active	Removed	No	No Change	No Further Action *
3019	Old Trickling Filter Splitter	B/325 NE	No Change	Abandoned, Inactive	Inactive	No	No Change	No Further Action *
3020	Sanitary/Treated Industrial Wastewater	B/325 NE	No Change	Active	Inactive	No	No Change	No Further Action *
3021	Sanitary/Treated Industrial Wastewater	B/325 NE	No Change	Active	Inactive	No	No Change	No Further Action *
3135	Fluoride/Heavy Metals Wastewater	B/310 B-24	No Change	Active	Inactive	Area A	No Change	No Further Action *
3294	PCE Waste	B/330C	B/330D	Removed	No Change	B/330 AOC	No Change	No Further Action *
3352	Waste TMAH	B/330C	No Change	Active	Removed	B/330 AOC	No Change	No Further Action *
3384	Waste TMAH	B/330D	No Change	Active	Removed	B/330 AOC	No Change	No Further Action *
3512	TMAH Wastewater	B/338	B/330D	Active	No Change	B/330 AOC	No Change	No Further Action *
3915	Industrial Waste	B/317 B2	No Change	Active	Inactive	Area A	No Change	No Further Action *
3916	Industrial Waste	B/317 B2	No Change	Active	Inactive	Area A	No Change	No Further Action *
3917	Industrial Waste	B/317 B2	No Change	Active	Inactive	Area A	No Change	No Further Action *
4012	Contaminated Groundwater - Condensate Trap	B/330D Outside, NW	No Change	Active	No Change	B/330C AOC	B/330 AOC	No Further Action *
B/310 LS SO	Solvent Waste Lift Stations	B/310	No Change	Active	Inactive	Area A	No Change	No Further Action *
B310-SO (2)	Solvent Waste Transfer Piping	B/310	No Change	Active	Inactive	Area A	No Change	No Further Action *



SOLID WASTE MANAGEMENT UNITS	
CG CONTAMINATED GROUNDWATER UNIT	ABOVE GROUND FLUORIDE PIPELINES
CS CONTAINER STORAGE/TRANSFER AREA	BELOW GROUND FLUORIDE PIPELINES
CW CONTAINER WASTE	ABOVE GROUND INDUSTRIAL WASTE PIPELINES
DB DUMPSTER BAY	BELOW GROUND INDUSTRIAL WASTE PIPELINES
DS DUMPSTER STORAGE AREA	ABOVE GROUND SOLVENT PIPELINES
FL FLUORIDE/HEAVY METALS WASTE UNIT	BELOW GROUND SOLVENT PIPELINES
HM HEAVY METALS	ABOVE GROUND BUILDING DRAINS
IW INDUSTRIAL WASTE UNIT	ABOVE GROUND INDUSTRIAL WASTE BUILDING DRAINS
LF LANDFILL	ABOVE GROUND SOLVENT BUILDING DRAINS
PE PERCHLOROETHYLENE RECYCLE UNIT	BELOW GROUND BUILDING DRAINS (SOLVENT, FLUORIDE & IW WASTE)
PW PRODUCTION WELL	
SA SANITARY/TREATED INDUSTRIAL WASTE UNIT	
SO SOLVENT WASTE UNIT	
SW SPILL WASTE UNIT	
TMAH TMAH WASTE UNIT	
TS TANK TRAILER STORAGE AREA	
NH4 AMMONIA WASTEWATER UNIT	
FP Filter Press	
L/UL Tank Truck Loading/Unloading Area	
LS Lift Stations	

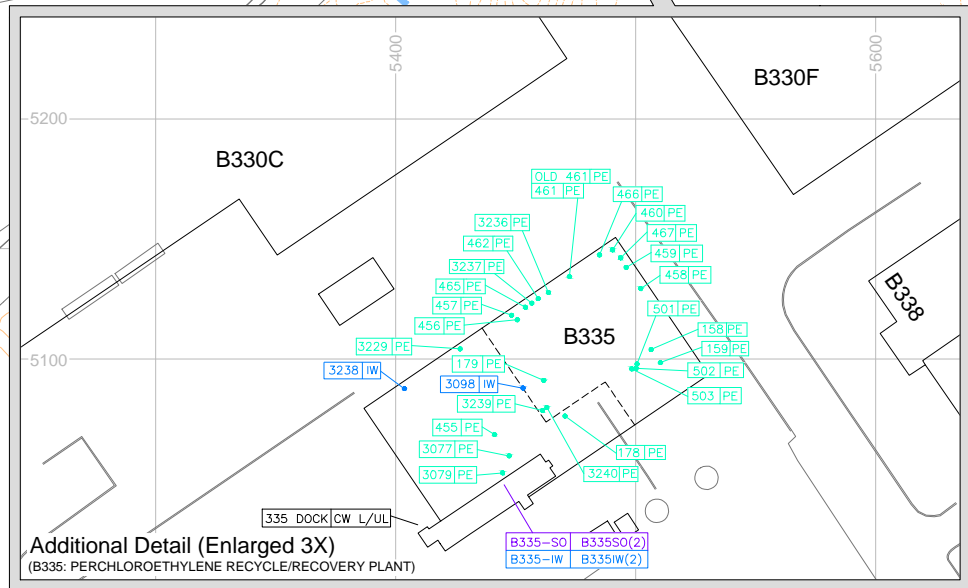
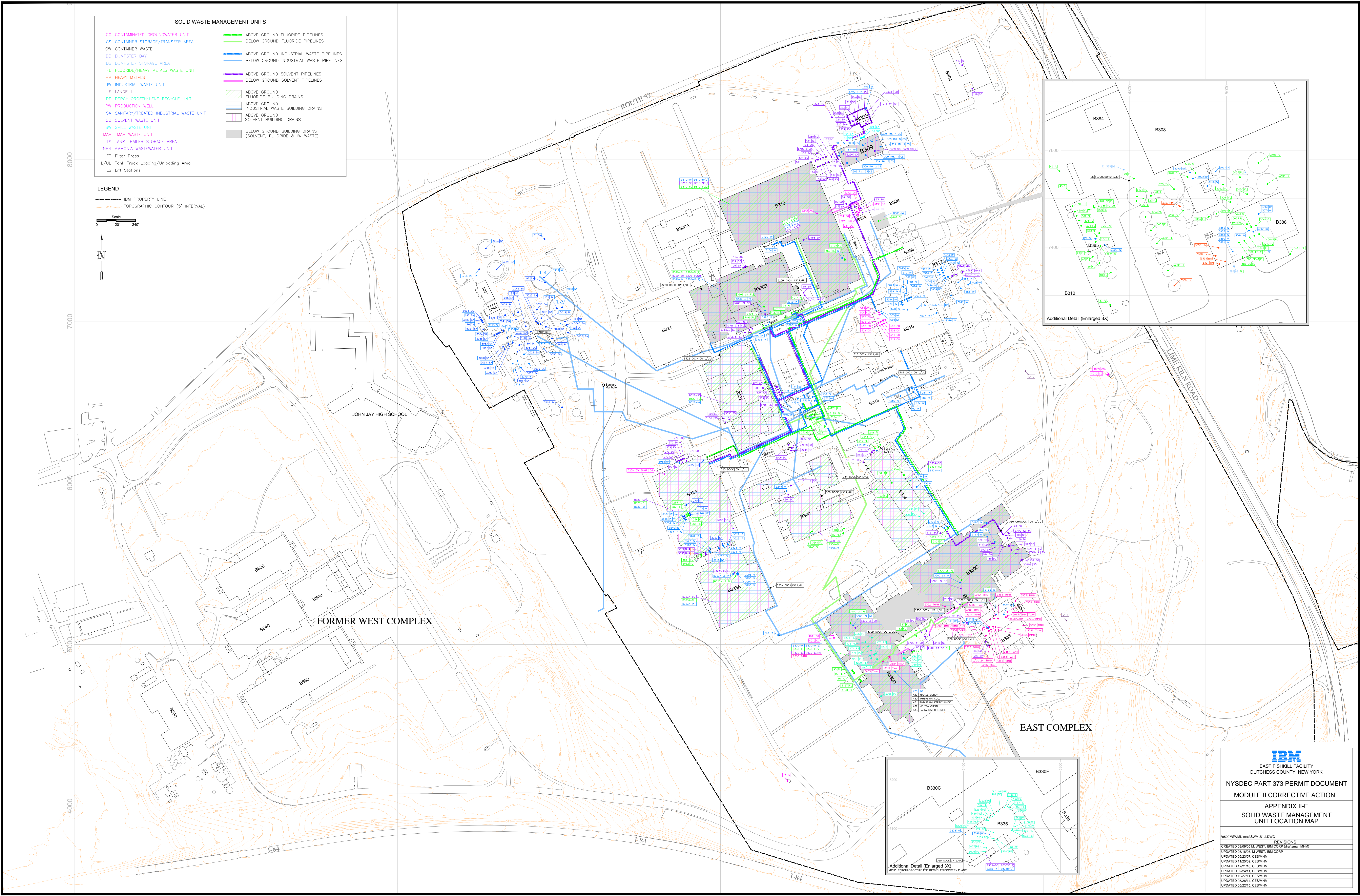
LEGEND

IBM PROPERTY LINE

TOPOGRAPHIC CONTOUR (5' INTERVAL)

Scale

0 120' 240'



IBM	
EAST FISHKILL FACILITY DUTCHESS COUNTY, NEW YORK	
NYSDEC PART 373 PERMIT DOCUMENT	
MODULE II CORRECTIVE ACTION	
APPENDIX II-E	
SOLID WASTE MANAGEMENT UNIT LOCATION MAP	
06/007(SWU) map(SWU) 2.DWG	REVISIONS
CREATED 06/18/05, M. WEST, IBM CORP. (draftman MWM)	
UPDATED 06/23/07, CESMMH	
UPDATED 11/20/08, CESMMH	
UPDATED 12/21/10, CESMMH	
UPDATED 02/24/11, CESMMH	
UPDATED 02/27/11, CESMMH	
UPDATED 06/28/14, CESMMH	
UPDATED 05/22/15, CESMMH	