

From: Thomas P. Murphy <tmurphy@enpro.com>
Sent: Monday, May 18, 2015 10:18 AM
To: fhmanager@comcast.net; Moran, Matt
Cc: William S. Buckley
Subject: Mercury Spill Report - 2014 WMD 200
Attachments: 0518Murphy.Moran.FairHavenMercSpill.2015.pdf

Please find attached our summary report for the mercury spill we responded to at the Town of Fair Haven waste water treatment plant. Feel free to call me should you have any questions. Thank you.

Tom

Thomas P. Murphy
Senior Project Manager
ENPRO Services, Inc.
1-800-966-1102 (Main)
802-488-3900 (Office)
802-735-4235 (Cell)
802-488-3950 (Fax)
www.enpro.com



Salisbury, MA

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May 18, 2015
Town of Fair Haven
Herb Durfee
3 North Park Place
Fair Haven, VT 05743

Submitted via email: fhmanager@comcast.net

RE: Mercury Spill and Cleanup
183 Montgiven Ave
Fair Haven, VT
VTDEC Spill # 2014 WMD 200

Dear Mr. Durfee,

On May 20, 2014 ENPRO Services, Inc. (ENPRO) of Burlington, Vermont assisted the Town of Fair Haven Department of Public Works with the cleanup of spilled mercury at the Waste Water Treatment Plant (WWTP). This letter report summarizes our actions and details the steps taken to remedy the situation. This letter is also being submitted to the Vermont Department of Environmental Conservation (VTDEC) to document the cleanup procedures and to close out this spill record. The VTDEC has assigned this incident spill ID 2014WMD200.

ENPRO was contacted to conduct environmental cleanup following the accidental release of mercury at the WWTP. The release was reportedly caused by a failure of a pressure gauge associated with the facilities blower system. The broken gauge released a small quantity of mercury; however, due to the pressurized system, the mercury was blown out and over numerous materials in the room.

Properly trained ENPRO staff mobilized to the site and reviewed a site specific health and safety plan prior to taking necessary actions. Due to the chemical nature of mercury, Occupational Safety and Health Administration (OSHA) 40 CFR 1910.120 Hazardous Waste Operation and Emergency Response Level training was require to manage the mercury spill. ENPRO staff donned Level C personal protective equipment (PPE) to clean up the release. HgX®, an industry standard mercury decontamination powder was used to stabilize the release. The powder was used to cover the impacted area, and was then vacuumed up with a specialized mercury vacuum with heap filter system. All porous material impacted by the release were removed and drummed for proper disposal. The concrete floor was cleaned following the use of the vacuum. A Jerome 431-X mercury vapor detector was used to screen the ambient air in the building once all impacted media was either removed or cleaned. Post cleanup monitoring with the Jerome meter confirmed the steps taken were successful as no indications of mercury vapor were detected. Contaminated PPE generated by these steps was added to the porous material hazardous waste drum from proper disposal at ENPRO Services of Vermont, Inc. (EVI). A copy of the hazardous waste disposal manifest is attached.

Recommendations

Based on results of field efforts, visual and Jerome meter inspections ENPRO believes that no further action is warranted at this time.





We appreciate the opportunity to provide the Town of Fair Haven our services. Please feel free to call me at 802-488-3901 if you have any questions or concerns regarding the enclosed information. A copy of this report will be submitted to the VTDEC on your behalf.

Sincerely,

ENPRO Services, Inc.

A handwritten signature in blue ink that reads "Thomas P. Murphy".

Thomas P. Murphy
Senior Project Manager

cc: Matt Moran - VTDEC



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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number VTP000015450	2. Page 1 of 1	3. Emergency Response Phone 800 966-1102	4. Manifest Tracking Number 001558879 GBF
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5. Generator's Name and Mailing Address Town Of Fair Haven 3 North Park Place Fair Haven VT 05743 Generator's Phone: 802 265-3010	Att: Herb Durfee Generator's Site Address (if different than mailing address) Waste Water Treatment Plant 193 Montgven Avenue Fair Haven VT 05743
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6. Transporter 1 Company Name ENPRO SERVICES, INC.	U.S. EPA ID Number MA0980670004
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address ENPRO SERVICES OF VERMONT, INC. 54 AVENUE D WILLISTON VT 05495 Facility's Phone: 802 860-1200	U.S. EPA ID Number VT R000517052
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9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes		
		No.	Type					
X	RQ NA3077, Hazardous waste, solid, n.o.s. (Mercury) 9, PGIII	1	DM	150	P	D009		
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information ENPROJOB#27135	1(S,E) Mercury Cont. Debris, WIP #FHWWTP-MD, Approval #VT-0514- ERG#171 ENPRO JOB# 1186-14
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15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offorer's Printed/Typed Name Peter M. Lacombe	Signature 	Month Day Year 05/20/14
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16. International Shipments	<input type="checkbox"/> Import to U.S.	<input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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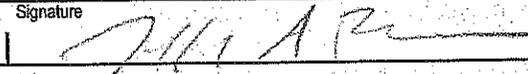
17. Transporter Acknowledgment of Receipt of Materials		
Transporter 1 Printed/Typed Name Robert Berger	Signature 	Month Day Year 05/20/14
Transporter 2 Printed/Typed Name	Signature 	Month Day Year 05/20/14

18. Discrepancy				
18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	

18c. Signature of Alternate Facility (or Generator)	Month Day Year
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1. H141	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		
Printed/Typed Name Jeffrey A Baker	Signature 	Month Day Year 05/20/14

www.enpro.com www.tsdf.com www.hazardouswaste.com