



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

August 1, 2013

Apex Environmental, LLC
P.O. Box 157
Amsterdam, OH 43903

JEFFERSON COUNTY
FAC-APEX SANITARY LANDFILL
AD

Certified Mail
7012 2920 0001 3814 6253

Attention: Dave Mathews, General Manager

Subject: DFFOs - Part V.4, August, 2013 GCCS Expansion Plan - Concurrence

Dear Mr. Mathews:

On August 1, 2013, Ohio Environmental Protection Agency (Ohio EPA) received a submission entitled ***Director's Final Findings and Orders, Required Item Part V.4, Proposed GCCS Expansion Plan, Fall 2013, Apex Sanitary Landfill*** from Apex Environmental, LLC (Apex) relative to the Apex Sanitary Landfill (Facility) and Part V.4 of the December 22, 2011 Director's Final Findings & Orders (DFFOs). As attached here, the submission included a cover letter and Exhibit F (GCCS Phasing Plan, Phase 8 – Fall 2013 Proposed Construction). Civil & Environmental Consultants, Inc. prepared the submission's exhibit.

The DFFOs Part V.4 states the following: "By February 1 and August 1 of each year following the effective date of these Orders, Respondent shall submit to Ohio EPA for review and concurrence a proposed plan for the expansion of the Facility's landfill gas collection and control system designed to maximize the control of odors and the capture of landfill gas at the Facility. No later than 90 days after receipt of Ohio EPA's written concurrence with a proposed plan, Respondent shall complete installation and commence operation of the expanded landfill gas collection system components."

As shown on Exhibit F, the proposed expansion of the Facility's Gas Collection and Control System (GCCS) will consist of the following items:

- an additional six vertical gas extraction wells (GW-76, 77, 79, 80, 81 and 82);
- five leachate cleanout pipe connections;
- supporting header and lateral piping; and
- supporting compressed airline and condensate force main piping.

**APEX SANITARY LANDFILL
FALL 2013 GCCS EXPANSION PLAN
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Ohio EPA has completed the review of the proposed expansion of the Facility's GCCS, and we have concluded that the installation of the additional vertical gas extraction wells and their auxiliary components will enhance the landfill's ability to maximize the control of odors and to capture landfill gas.

No later than 90 days after receipt of this concurrence, Apex shall complete the installation and commence the operation of the expanded GCCS as shown on Exhibit F. Furthermore, please submit a construction certification report (single copy) with respect to the requirement of Ohio Administrative Code Rule 3745-27-19(C) (1) and the expanded GCCS.

The certification report should include a cumulative as-built drawing (four copies) of the expanded GCCS which then may be used as a permit drawing to alter Permit-to-Install No. 06-08438, approved December 31, 2009. This "seven series drawing" will document the development of the Facility's GCCS which was conceptualized within the permit's Plan Sheet 3B (Explosive Gas Control System Plan).

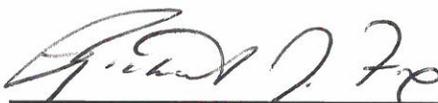
This concurrence should be recorded into the Facility's Operating Record.

Sincerely,



Craig Walkenspaw
District Engineer
Division of Materials and Waste Management

Authorized by:



Richard J. Fox
Group Supervisor
Division Materials and Waste Management
Southeast District Office, Ohio EPA

Attachment

CW/cb

cc:	Jefferson County General Health District	w/ attachment
cc:	Carl Mussenden CO-DMWM	w/ attachment
cc:	Dale Warner, SEDO-DMWM	w/ attachment
cc:	Civil & Environmental Consultants, Inc. 333 Baldwin Road Pittsburgh, PA 15205-9702	w/ attachment

