

DEPARTMENT OF BUILDING AND DEVELOPMENT

COUNTY OF LOUDOUN

MEMORANDUM

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MAR 17 2010

LOUDOUN COUNTY  
DEPARTMENT OF PLANNING

DATE: March 16, 2010

TO: Marchant Schneider, Project Manager, Department of Planning

FROM: Todd Taylor, Environmental Review Team *TT*

THROUGH: William Marsh, Environmental Review Team Leader *WM*

CC: Brian Fish, Zoning Planner  
Joe Gorney, Community Planner, Department of Planning

**SUBJECT: SPEX-2009-0040, SPEX-2009-0041, SPMI-2010-0001,  
& CMPT-2010-0002  
Potomac Interceptor Odor Abatement Site**

The Environmental Review Team (ERT) reviewed the subject application, including plat dated February 4, 2010, and offers the following comments.

1. Please elaborate on the blower design and connection to the sewer manhole with regards to preventing sewage contamination during a flood event. [Revised 1993 Loudoun County Zoning Ordinance (Revised 1993 LCZO) Section 4-1507(C)]
2. Staff notes that the Potomac Interceptor, west of the proposed site, aligns with land that is not located within the major floodplain. Please explain why non-floodplain property corresponding to the Potomac Interceptor was not selected for the Odor Abatement Site. [Revised 1993 LCZO Section 4-1507(D)]
3. The Long Term Odor Abatement Program section of the D.C. Water and Sewer Authority website ([http://www.dcwasa.com/wastewater\\_collection/PI/abatement.cfm](http://www.dcwasa.com/wastewater_collection/PI/abatement.cfm)) provides an illustrative that specifies the active blower building with soundproofing. Please provide information regarding anticipated noise levels generated by the active blower facility. [Revised 1993 LCZO Section 5-1507]
4. The proposed facility will result in lost tree canopy. To minimize the impact, staff recommends that a tree preservation plan, identifying tree protection measures, be submitted at the time of site plan for review and approval by the County Urban Forester.
5. Please clarify the stormwater management (SWM)/best management practice (BMP) narrative provided on Sheet 6. The narrative references SWM/BMP facilities depicted on the plan, however, no facilities are shown. Also, the reference to a "waiver of stormwater volume requirements is requested as part of this special exception" must be removed, as waivers and modifications to the Facilities Standards

3/16/10

Manual (FSM) must be submitted at the time of site plan. Maintaining the request as part of the special exception plan set is misleading and may cause confusion for the future site plan application.

Please contact me if you need additional information or have questions.

