

# **APPENDIX B**

## **AERIAL PHOTOGRAPHY REVIEW**

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**SAUER DUMP SITE**  
**DUNDALK, BALTIMORE COUNTY, MARYLAND**

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**Response Action Plan**

**October 13, 2006**



## **Aerial Photography Review**

### **1938**

Site - The Site appeared as undisturbed land immediately north of a cove on Back River. The Site appeared to contain mostly low-lying marshy land with several small streams/tidal channels in its southern portion. A wooded area, with an apparent higher elevation, was present in the central western portion of the Site. Fill activities had not yet been initiated at the Site.

West - Undisturbed marshy land was present immediately adjacent to the Site to the west. Wooded land was present further north and west

Southeast - The land immediately adjacent to the Site to the southeast, which is currently identified as the Lusk and Razauskas Properties, appeared as undeveloped/unfilled land which covered an area smaller than the current configuration of these properties. This land in the 1938 photo contained a foot-shaped sand bar/spit which extended southward into Back River.

Northeast - No residences/structures appeared on properties immediately adjacent to the Site. A small number of residences appeared on properties northeast of Lynhurst Road.

### **1954**

Site - Site conditions appeared unchanged from the 1938 photograph.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast - Fill activities had been initiated on the Lusk Property. The fill appeared to cover the existing land and extended westward into the cove. Fill activities had not yet progressed over the foot-shaped sand bar/spit. A number of boats were present on the Lusk Property

Northeast - Residences/structures had been constructed on the properties immediately adjacent to the Site to the northeast. An increased number of residences had been constructed on properties northeast of Lynhurst Road.

### **1957**

Site - Fill activities appeared to have encroached onto a small portion of the Site from the residential properties immediately northeast of the Site. A possible tractor trailer sized object appeared to be present just inside the Site's property line. A portion of the southeast area of the Site was underwater. Otherwise, Site conditions appeared unchanged from the 1954 photograph.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast - Fill activities appeared to have been completed on the Lusk and Razauskas Properties. The outline of the properties appeared in their current configurations. The foot-shaped sand bar/spit had been filled over. A structure was present on the Lusk Property. No structures were present on the Razauskas Property.

Northeast - The residential properties northeast of the Site appeared unchanged

### **1960**

Site - Site conditions appeared unchanged from the 1957 photograph.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast – A structure had been constructed on the Razauskas Property. A marina dock, which extended eastward into Back River, had been constructed from the end of this property.

Northeast - The residential properties northeast of the Site appeared unchanged.

#### 1961 (April and October)

Site - Site conditions appeared unchanged from the 1960 photograph. A tidal channel near the southeastern corner of the Site was visible in the April 1961 photograph. The high tide line on either side of the tidal channel was visible. (Note: The tidal channel observed on the 1961 photograph is west of the Southwest Finger wetland area which currently borders the Site on the southeast.)

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast – The properties southeast of the Site appeared unchanged

Northeast - The residential properties northeast of the Site appeared relatively unchanged.

#### 1966

Site - Site conditions appeared unchanged from the 1961 photograph.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast – The properties southeast of the Site appeared unchanged

Northeast - The residential properties northeast of the Site appeared unchanged

#### 1968

Site – Fill activities had been initiated at the Site. The filled area appeared white in the photograph. Approximately 25% of the Site area had been filled. Staging of items appeared to have been initiated on top of the fill area. Otherwise, site conditions appeared unchanged from the 1966 photograph.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast – The properties southeast of the Site appeared unchanged.

Northeast - The residential properties northeast of the Site appeared unchanged.

#### 1970

Site – Fill activities continued at the Site. Approximately 35 to 40% of the Site area had been filled. Staging of items was visible on multiple areas of the fill.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast – New structures had been constructed on the Lusk Property.

Northeast - The residential properties northeast of the Site appeared relatively unchanged.

#### 1971

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Site – Fill/staging activities continued at the Site. Approximately 50 to 60% of the Site area had been filled. A straight dirt road that extended through the central portion of the Site was visible.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast – The properties southeast of the Site appeared unchanged

Northeast - The residential properties northeast of the Site appeared unchanged.

#### 1972

Site – Fill activities continued at the Site. Approximately 85% of the Site area had been filled. The fill had begun to push the tidal channel, that was previously located in the southeastern corner of the Site, eastward toward the boarder between the Site and the Lusk Property (i.e., current location of the Southeast Finger). A portion of this tidal channel and the southeastern portion of the Site's shore line were obscured by high tide.

West – The fill in the central western portion of the Site appeared to extend slightly off-site to the west.

Southeast – The properties southeast of the Site appeared unchanged

Northeast - The garage which is located on the Sauer Property adjacent to the Site to the northeast had been constructed. Otherwise, the residential properties northeast of the Site appeared unchanged.

#### 1974

Site – Fill activities continued at the Site. Approximately 90% of the Site area had been filled. The fill continued to push the southeast tidal channel toward the current location of the Southeast Finger. Unlike the 1972 photograph, water in the tidal channel and along the shore line appeared as being contained by the landforms. The anthropologic activities on the Site were distinctly visible in the 1974 photograph. Possible charred areas and a possible wood chip area, as referenced in 1984 and 1985 Site visit records, and numerous vehicle-sized objects were visible in the 1974 photograph

West – Fill along the southwestern portion of the Site extended off-site to the tree line west of the Site. The wood chip pile in the central western area of the Site extended off-site. Staging activities of vehicle-sized objects were visible west of the Site southwestern property line.

Southeast – The properties southeast of the Site appeared unchanged.

Northeast - The residential properties northeast of the Site appeared unchanged.

#### 1977

Site – Fill activities continued at the Site. Nearly 100% of the Site area had been filled. Anthropologic activities on the Site appeared generally unchanged from the 1974 photograph. Trees in the higher elevation, wooded area, originally observed in the 1938 photograph, appeared to have been cut back. The tidal channel, adjacent to the southeast corner of the Site, was visible in its current location (i.e., Southeast Finger). Unlike the 1974 photograph, the western property line of the Site was defined by a change in vegetation. The marshy area that is currently present in the Southwest Finger, between the Site and the property west of the Site, had begun to form

West – The filled area observed immediately west of the Site on the 1974 photograph appeared as re-vegetated marshy land (i.e., Southwest Finger). The anthropologic activities, observed in the 1974 photograph, were not apparent in this area in the 1977 photograph.

Southeast – The properties southeast of the Site appeared unchanged.

Northeast – The residential properties northeast of the Site appeared unchanged.

#### 1979

Site – Anthropologic activities on the Site appeared generally unchanged from the 1977 photograph.

West - The land immediately adjacent to the Site to the west appeared unchanged. Standing water, not evident in earlier photographs, was observed in the current location of the pond, adjacent to the Site to the northwest (i.e., Pond Area)

Southeast – The properties southeast of the Site appeared relatively unchanged

Northeast - The residential properties northeast of the Site appeared unchanged

#### 1980

Site – Anthropologic activities on the Site appeared generally unchanged from the 1979 photograph. The marshy area, southwest of the Site, had continued to develop.

West - The land immediately adjacent to the Site to the west appeared unchanged.

Southeast – The properties southeast of the Site appeared unchanged.

Northeast - The residential properties northeast of the Site appeared unchanged.

#### 1982

Site – Anthropologic activities on the Site appeared generally unchanged from the 1980 photograph. The Pond Area, the Southwest Finger, and the Southeast Finger were distinctly visible in the 1982 photograph.

West - The land immediately adjacent to the Site to the west appeared unchanged

Southeast – The properties southeast of the Site appeared unchanged

Northeast - The residential properties northeast of the Site appeared unchanged.

**Table B-1**  
**List of Aerial Photographs**

Contributor Name	Date	Type
BC	1938 Apr 23	B&W
BC	1954 Jan 4	B&W
USDA	1957 Sep 25	B&W
NOS	1960 Oct 11	B&W
BC	1961 Apr 14	B&W
NOS	1961 Oct 7	Color
USGS	1966 Feb 21	B&W
NOS	1968 Sep 18	Color
NOS	1970 Sep 2	Color
USDA	1971 Oct 11	B&W
BC	1972 Apr 18	B&W
NOS	1974 Oct 21	Color
BC	1977 Apr 1	B&W
USDA	1979 Jun 15	B&W
BC	1980 Apr	B&W
USGS	1982 Mar 24	Color
USGS - United States Geological Survey		
NOS - National Ocean Service		
USDA - United States Department of Agriculture		
BC - Baltimore County Planning Office		

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