



- LEGEND**
- EXPOSURE AREA (EA) BOUNDARY
  - - - APPROXIMATE PROPERTY BOUNDARIES OBTAINED FROM TAX MAPS FROM BERKS COUNTY, PENNSYLVANIA MUNICIPAL BUILDING
  - - - BOUNDARY BETWEEN EASTERN AND WESTERN AREAS
  - Z - INDIVIDUAL EA DESIGNATION
  - 1108.5 - MEAN TOTAL LEAD mg/Kg
  - \* - 1 COMPOSITE SAMPLE OF 5 DISCRETE SAMPLES (PER USEPA APPROVAL)
  - x # - 0 - 3" DISCRETE SEDIMENT SAMPLE LOCATION AND ID
  - WSED - MEAN SEDIMENT CONCENTRATION (TOTAL LEAD mg/kg)

**NOTE:**

THE SEDIMENT POND WAS EVALUATED BY CREATING 4" TRANSECTS (ORIENTED NORTH-SOUTH) AND PLACING 5 SEQUENTIALLY-NUMBERED SAMPLE LOCATIONS ALONG EACH TRANSECT. EACH LIKE SAMPLE (I.E., 1'S, 2'S, 3'S) WAS THEN COMBINED TO CREATE 3 COMPOSITE SAMPLES, EACH REPRESENTING A DISCRETE, EAST-WEST ORIENTED SUB AREA OF THE EA (SEE TABLE 3).

**EXIDE TECHNOLOGIES  
READING COMPLEX  
MUHLENBERG TOWNSHIP, LAURELDALE BOROUGH  
BERKS COUNTY, PENNSYLVANIA**

Scale: 1" = 80'	<b>BERNHART PARK SAMPLING RESULTS</b>  <b>Advanced GeoServices Corp.</b> Chedda Ford Business Campus, Rte. 202 & 1 Brandywine One, Suite 202 Chedda Ford, Pennsylvania 18317
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