

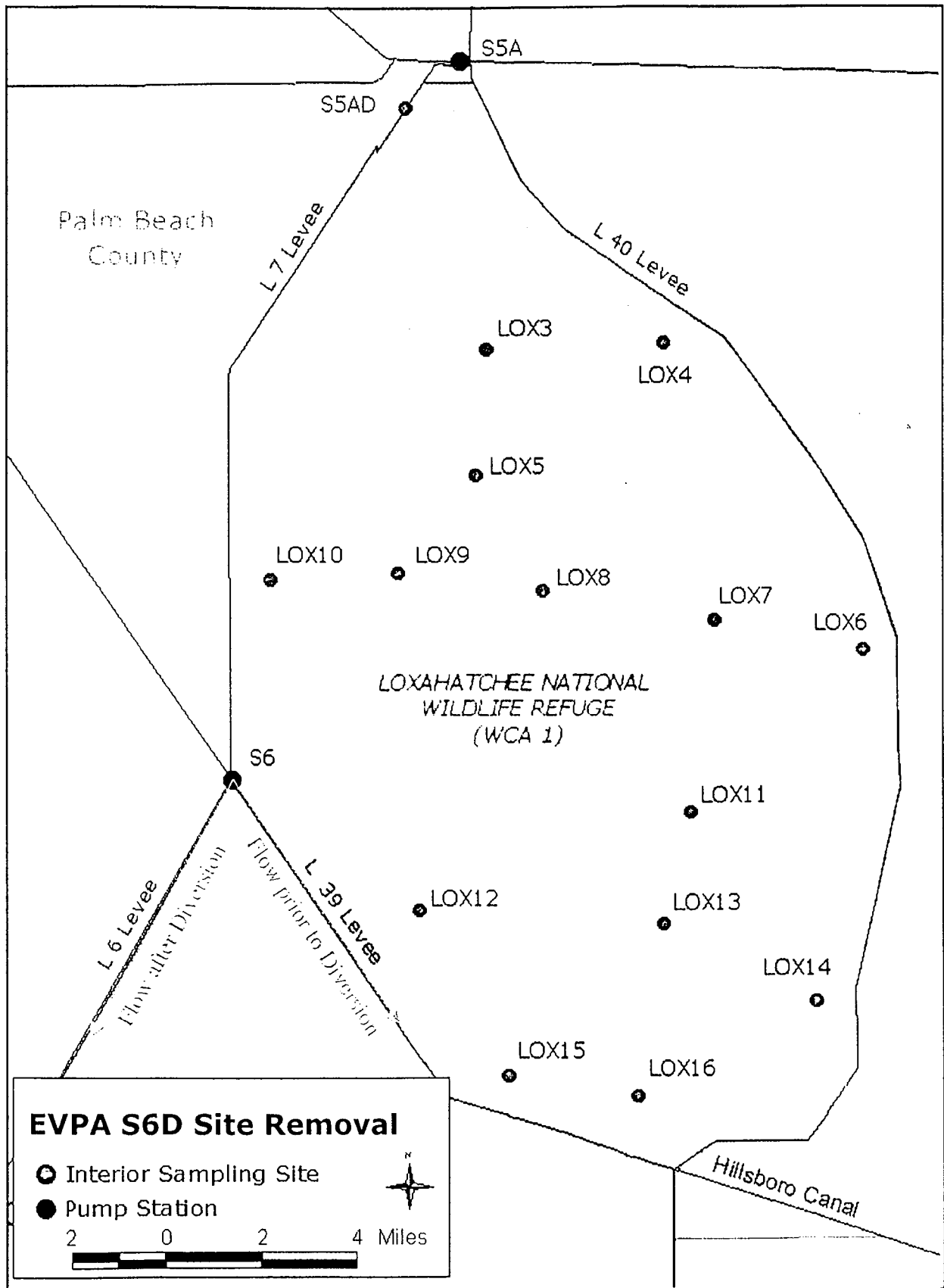
# Removal of S6D Sampling site from EVPA Project

Technical Oversight Committee  
Field Data Collection  
Water Quality Monitoring Division  
October 09, 2001

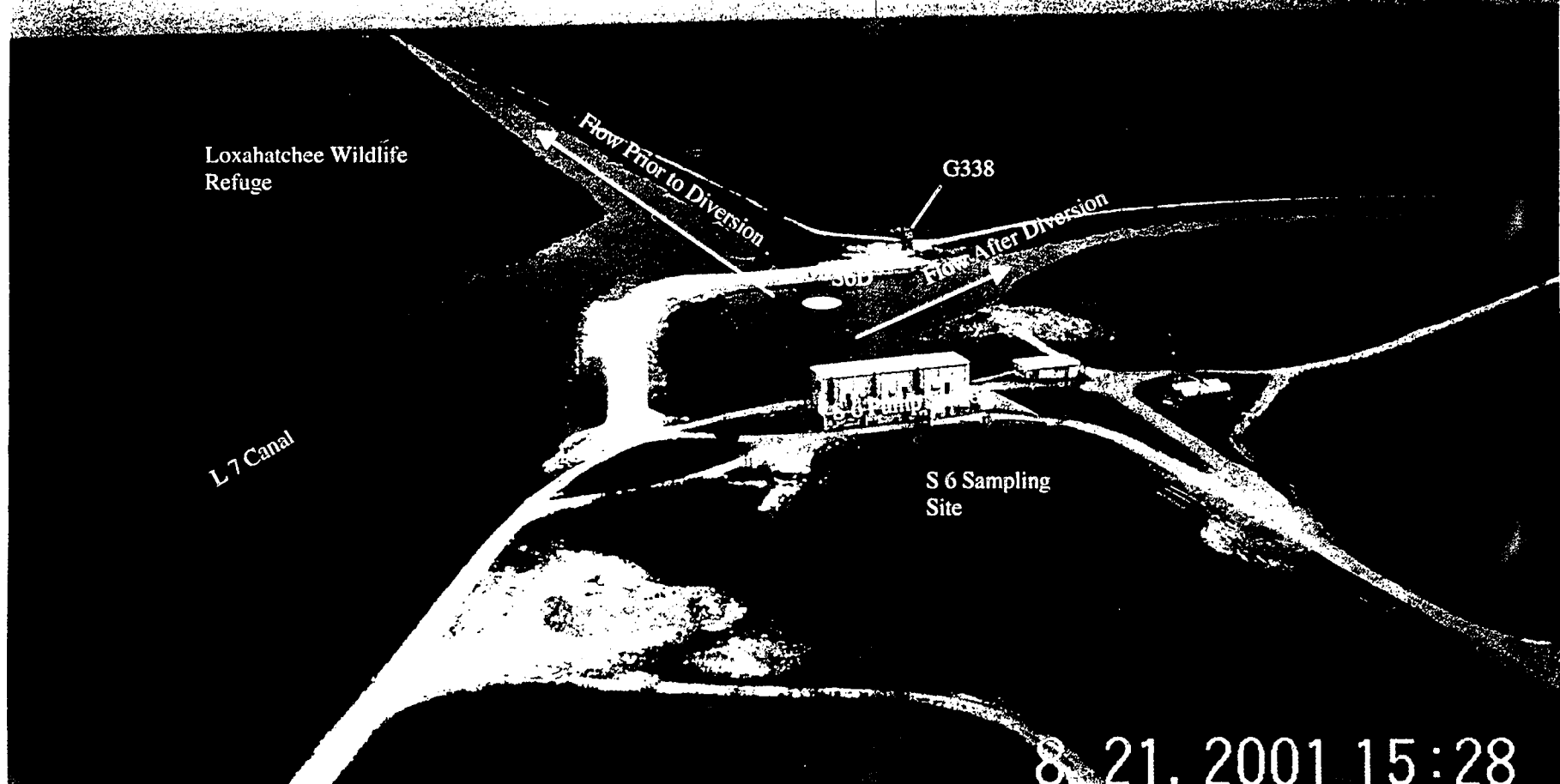
Presented by:  
Bahram Charkhian

- The following proposal is to remove sampling site S6D from the EVPA Area 1 (Loxahatchee Wildlife Refuge) sampling trip. The recent construction of a diversion levee at the site has eliminated the need to continue collecting samples at this site.
- Prior to the construction water was pumped through the S6 pump station south into the L39 Canal (Hillsboro Canal) and into the Refuge (Water Conservation Area 1). Water collected at the S6D sampling site was used to determine the downstream effects of the water being pumped into the L39 canal through the S6 pump station.
- In accordance with the Operation Plan for Storm Water Treatment Area 2 (STA2) (reference Project Facilities section B S6 Diversion Works), the S6 diversion levee was constructed to divert discharge from the S6 pump station into the STA 2 Supply Canal. The S6 Diversion prevents water from being discharge into the L39 Canal (Hillsboro Canal) from the S6 pump Station eliminating the need to sample at this site.

- The only way for water to enter the L39 (Hillsboro Canal) is through G338, a gated structure that is only to be opened during emergency conditions (Reference section 20 Emergency Conditions STA2 Operations Permit). Should these emergency conditions occur Water Quality Division could send a field crew to sample at this location.
- Water samples are also collected upstream at the S6 pump station (approximately 100 meters north of the S6D site as part of the STA2 Operations Permit and the CAMB project making water quality data available for this location.



high water  
event  
sampling  
at G338  
protocol





L 39 Canal

G338 Outflow into L39 Canal 8. 13. 2001

Pump Station Se Looking North from Ingersoll Ave

S6 Pump Station

● S6D Sampling Area

8.13.2001



G338

Flow prior to Levee

S6 Diversion Levee

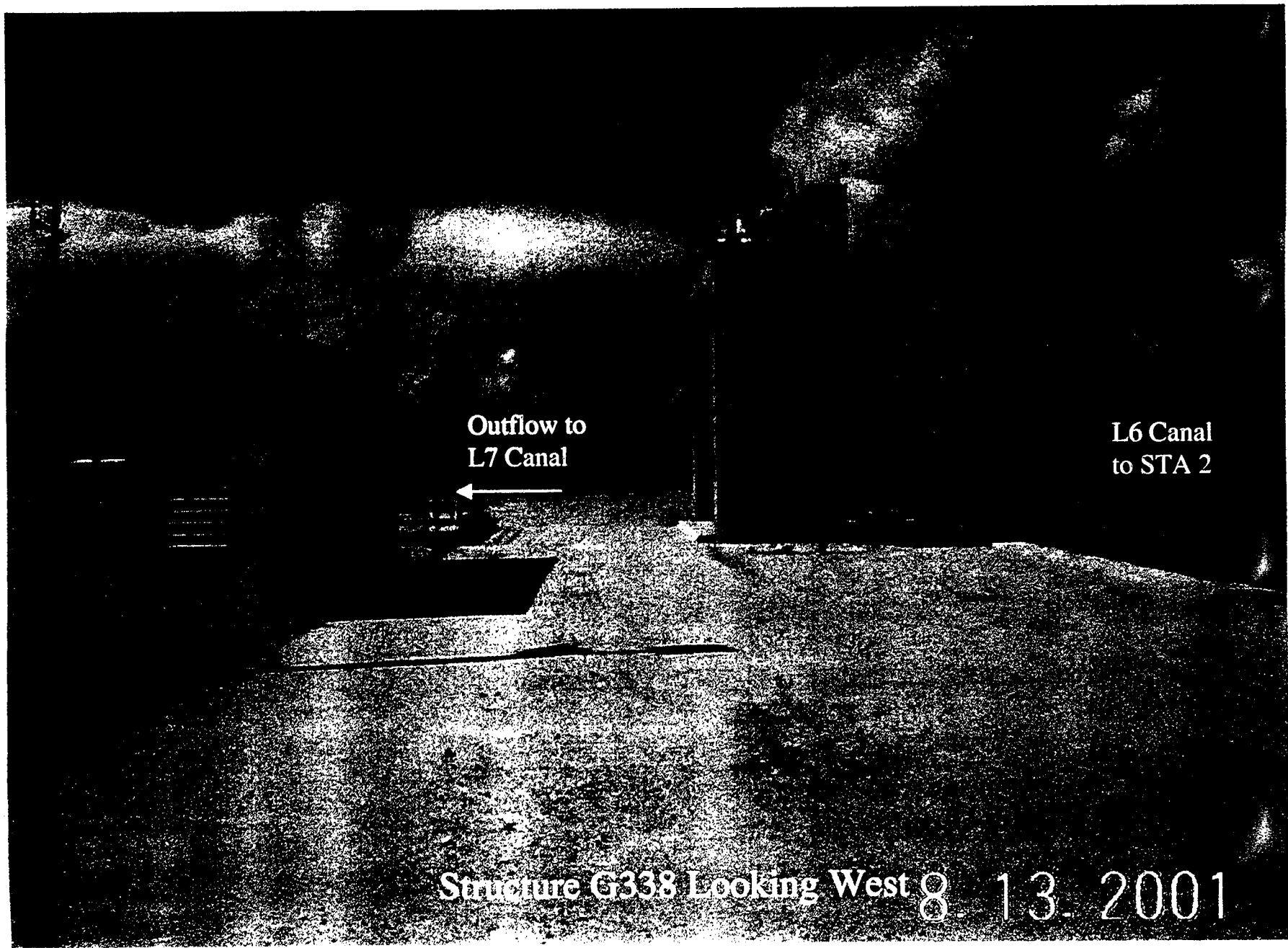
L 6 Canal

Flow after Levee

S6D  
Sampling Area

6-13-2001





Outflow to  
L7 Canal



L6 Canal  
to STA 2

Structure G338 Looking West 8 13. 2001

Louisiana Wildlife  
Refuge

129  
Canal

G338

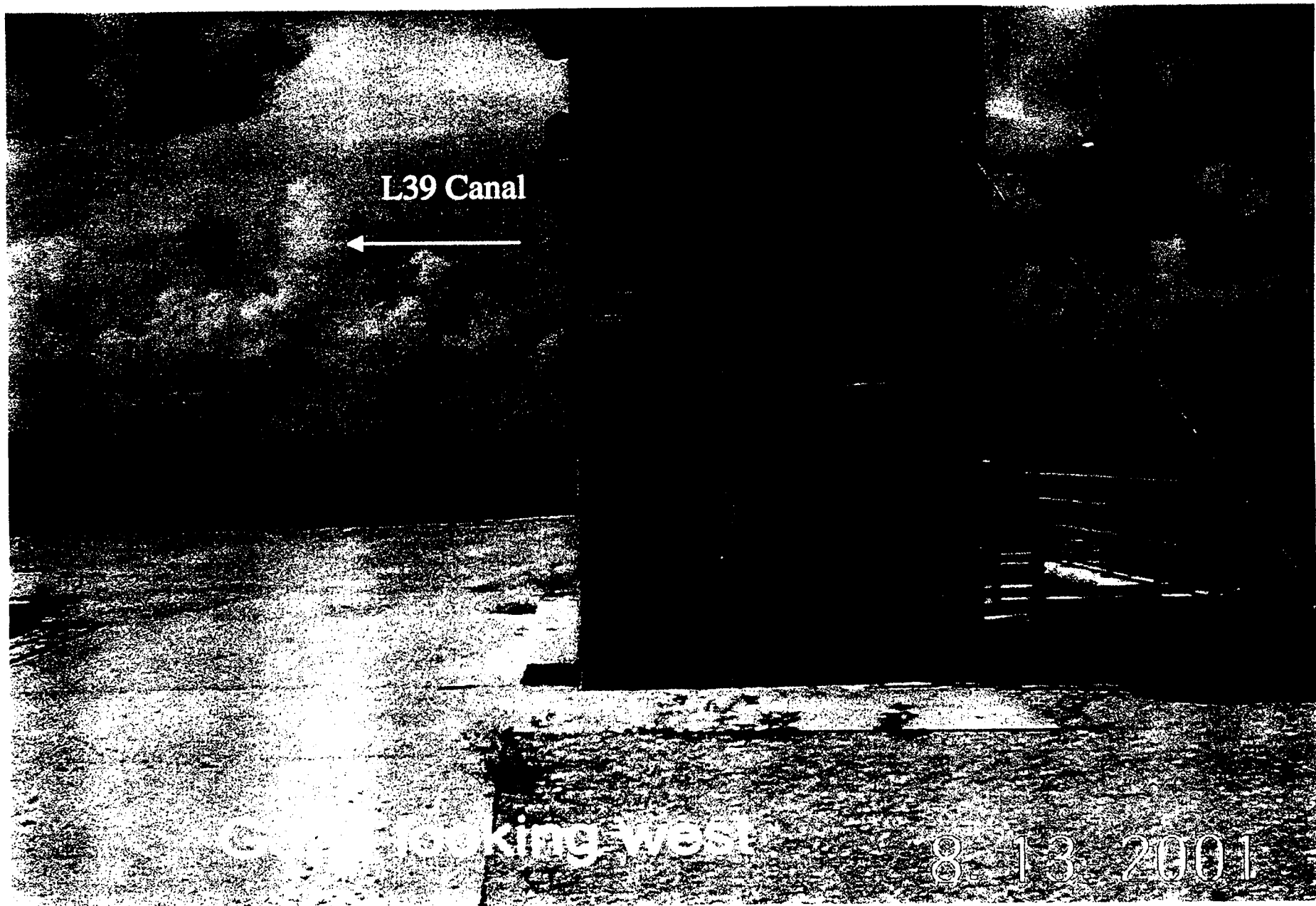
Diversion Levee



S6D  
Sampling Area

S6 Pump Station Looking South towards Diversion levee

8. 13. 2001



L39 Canal



Looking west

8-13-2001