

# **Appendix B**

## **Photographs**

- B-1 Historical Aerial Photograph Review
- B-2 Historical Aerial and Oblique Shoreline Photographs



**Appendix B-1**  
**Historical Aerial Photograph Review**



## Appendix B

### Lower Duwamish Waterway RM 1.0–1.2 East (King County Lease Parcels) Historical Aerial Photograph Review

In an effort to more thoroughly understand and evaluate historical facility operations and development in the RM 1.0–1.2 East source control area, SAIC reviewed historical aerial photographs from 1936 to 2004. At a minimum, these photographs represent conditions of roughly each decade. Additional photographs are available; however, if during a cursory assessment there were no apparent changes, photographs less than a decade apart were not included in this summary. Aerial photographs for the years 1936, 1946, 1956, 1969, 1977, 1990, 1999, and 2004 are described below.

For purposes of discussion, current-day street names are used as reference points. **Manson Construction Company** is located on the south side of Slip 1 and is bordered by the LDW on the west and East Marginal Way S on the east. **Cadman Seattle, Inc. and Lehigh Northwest** occupy two parcels on the south side of Manson Construction and also are bordered by the LDW on the west and East Marginal Way S on the east. **United Western Supply** is bordered by the LDW on the west and Ohio Avenue S on the east and is located South of Cadman and Lehigh. **J.A. Jack & Sons** is the southern-most property located in this source control area and is bordered by the LDW on the west and Ohio Avenue S on the east. **Upland Areas** are considered to be the general vicinity surrounding the source control area.

#### 1936

**Manson Construction Company:** The property appears to have been used historically as a storage yard for building materials, including lumber. A small building is present at the western property line near the LDW. It appears that a dock or above-water structure extends west over the LDW. No other buildings or other permanent structures appear to be present.

**Cadman Seattle, Inc. and Lehigh Northwest:** Two large buildings and three smaller buildings are present. With the exception of the buildings and associated parking areas, both parcels consist of vacant undeveloped land. Two large log booms are rafted together and moored on the eastern side of the LDW off the Cadman and Lehigh properties.

**United Western Supply:** One very large rectangular building spans almost the entire northern property line. Another large rectangular building is located in the southwest corner of the property. The southeastern portion of the property is used for lumber storage. The remaining area is undeveloped and appears to only serve as vehicle parking. A long narrow dock appears to be used to gain access to moored boats and two dock-type structures.

**J.A. Jack:** The property appears to be primarily used for storing lumber and other materials. A small building is located on the east side of the property near Ohio Avenue S. No other buildings or over-water surfaces are present.

**Upland Areas:** Farmlands appear to be immediately east of East Marginal Way S. Several buildings, likely both residential and commercial in nature, are distributed throughout the surrounding area. East Marginal Way S can be seen bisecting this area, but relatively few other roads are present. Most of these roads appear to be unpaved.

## 1946

**Manson Construction Company:** The property appears to be undergoing a major redevelopment. The lumber, previously stored on site, has been removed and no buildings are present. The initial stages of a large wharf construction, or reconstruction, project can be observed on the northern portion of the property. A small triangular land mass, possibly fill, extends into Slip 1 from the north side of the Manson Construction property.

**Cadman Seattle, Inc. and Lehigh Northwest:** An addition to an existing building located on the west central side of the property has been constructed. Brush and vegetation appears to have dominated the eastern portion of this property. Construction appears to be ongoing for an addition to the large building located on the southeastern portion of the property. A second small office type building located on the eastern side of the property was built.

**United Western Supply:** A large portion of the riverbank appears to have been filled in to allow for construction of an over-water structure. A large tanker type vessel is moored adjacent to the property. The southeast corner of the property now serves as parking and is being used as storage for various materials, including lumber.

**J.A. Jack:** The property continues to be used primarily for lumber and/or cargo storage. The shoreline development that took place at the United Western Supply property extends to the south and spans both the J.A. Jack and United Western Supply properties.

The **Upland Areas** have undergone significant development. Several large industrial buildings and storage areas are present east of East Marginal Way S and several roads have been widened.

## 1956

**Manson Construction Company:** The dock construction project along the northern boundary of the property appears to be complete. Various other small outbuildings have been constructed. Several small barges are located adjacent to the property in the LDW. Two buildings were constructed on the eastern portion of the property adjacent to East Marginal Way S. The remaining property is primarily used as cargo and/or equipment storage. A boat ramp is present at the southwest corner of the property.

**Cadman Seattle, Inc. and Lehigh Northwest:** The eastern portion of the property has been cleared and is used for materials storage. The building addition to the building on the southeastern portion of the property appears to be complete. Several barges are located offshore from this property. The building on the west central side of the property has been demolished, but it appears the addition to the building remains.

**United Western Supply:** The property appears to be relatively unchanged. Several small ships are moored at the dock adjacent to the property.

**J.A. Jack:** Relatively few changes are visible and the property continues to be used primarily for lumber storage and other cargo.

The **Upland Areas** have again undergone significant development. Industrial- and storage-related businesses clearly begin to dominate the surrounding areas. Several large warehouse-type buildings have been constructed. This area appears to serve as a major hub for cargo transport and storage.

## 1969

**Manson Construction Company:** The property remains relatively unchanged; however, there is increased storage of industrial type equipment and material on the wharf, which extends out over the south side of Slip 1.

**Cadman Seattle, Inc. and Lehigh Northwest:** The property appears relatively unchanged with the exception of the demolition of the building in the west central portion of the property.

**United Western Supply:** Two additional buildings were constructed on the property. One is a long narrow building located along the south property line and another is a small square building located near Ohio Avenue S. The over-water structure on the west side of this facility was removed and replaced by a small narrow dock that runs parallel to the shoreline.

**J.A. Jack:** The property has undergone a change in function and no longer serves as a lumber storage yard. It appears that J.A. Jack is now operating at the property. Two buildings were constructed in the center of the parcel and appear to provide elevator functions for rock or a similar material processing. Two smaller buildings are located on the east side of the parcel near Ohio Avenue S. Several stockpiles of crushed material were observed in the aerial photographs.

The **Upland Areas** continue to transition into a more industrial function as additional construction and activity continues to take place.

## 1977

**Manson Construction Company:** Several small out buildings to the west of the primary building have been added at the Manson Construction property. Multiple barges are moored in Slip 1 on adjacent docks.

**Cadman Seattle, Inc. and Lehigh Northwest:** The addition to the large building in the southeastern portion of the property has been removed and a small building on the eastern side of the large building was also torn down.

**United Western Supply:** The property remains relatively unchanged.

**J.A. Jack:** The property continues to process and store stockpiles of crush material.

The **Upland Areas** appear to continue towards the trend in industrial construction and redevelopment.

## 1990

**Manson Construction Company:** The property remains relatively unchanged.

**Cadman Seattle, Inc. and Lehigh Northwest:** The shoreline section of the property has been filled in or an over-water structure was constructed. Various pieces of equipment, including a crane, is located on this surface. The large rectangular building located in the center of the south parcel has been removed and four silos were built west of the previous building's footprint. Another building was constructed on the east side of the property located near to East Marginal Way S.

**United Western Supply:** The property supports large barge moorage along the LDW. It appears that a small section of shoreline was paved and is now used as parking or storage.

**J.A. Jack:** The property remains relatively unchanged.

The **Upland Areas** color aerial photographs confirm that the surrounding areas have been paved. Development and redevelopment continues to take place. The surrounding industry provides parking and/or storage for numerous semi truck trailers and cargo containers.

## **1999**

**Manson Construction Company:** The activities at the property appear to remain unchanged; however, several more large barges and cranes are moored along the north and west sides of the property.

**Cadman Seattle, Inc. and Lehigh Northwest:** The property provides moorage to large barges and stockpiles of various gravel or rock materials are present. An additional silo was constructed and located on the east side of the previous four silos.

**United Western Supply:** A small building has been removed from the eastern portion of the parcel.

**J.A. Jack:** The property remains relatively unchanged.

The **Upland Areas** have undergone relatively few significant changes.

## **2004**

**Manson Construction Company:** The property appears to continue to be used for the same purposes and has had little reconstruction or development. Several larger barges with large cranes are moored adjacent to the property.

**Cadman Seattle, Inc. and Lehigh Northwest:** A triangular building has been removed from the western side of the property. Materials are now stored in this area. A small square building was constructed near the edge of the river.

**United Western Supply:** The property remains relatively unchanged.

**J.A. Jack:** The property remains relatively unchanged.

The **Upland Areas:** **A large building has been** constructed on the east side of East Marginal Way S, across from the Cadman and Lehigh parcels.

## **Appendix B-2**

### **Historical Aerial and Oblique Shoreline Photographs**





Figure B-1. RM 1.0 to 1.2 East  
(King County Lease Parcels): 1936



Figure B-2. RM 1.0 to 1.2 East  
(King County Lease Parcels): 1946



Figure B-3. RM 1.0 to 1.2 East  
(King County Lease Parcels): 1956





Figure B-4. RM 1.0 to 1.2 East  
(King County Lease Parcels): 1969



Figure B-5. RM 1.0 to 1.2 East  
(King County Lease Parcels): 1977





Figure B-6. RM 1.0 to 1.2 East  
(King County Lease Parcels): 1990



Figure B-7. RM 1.0 to 1.2 East  
(King County Lease Parcels): 1999





Figure B-8. RM 1.0 to 1.2 East  
(King County Lease Parcels): 2004

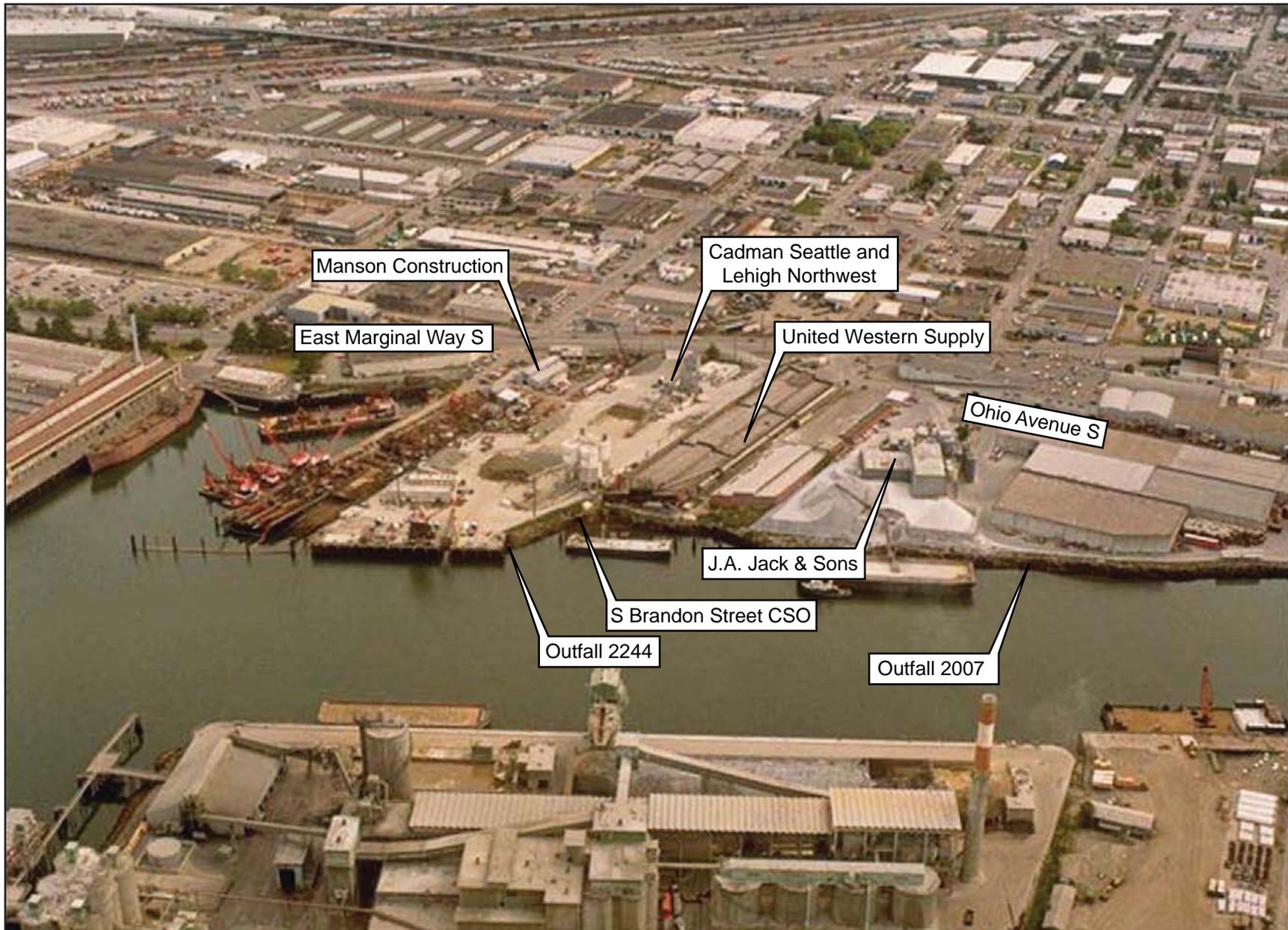


Figure B-9. RM 1.0 to 1.2 East (King County Lease Parcels): 1993

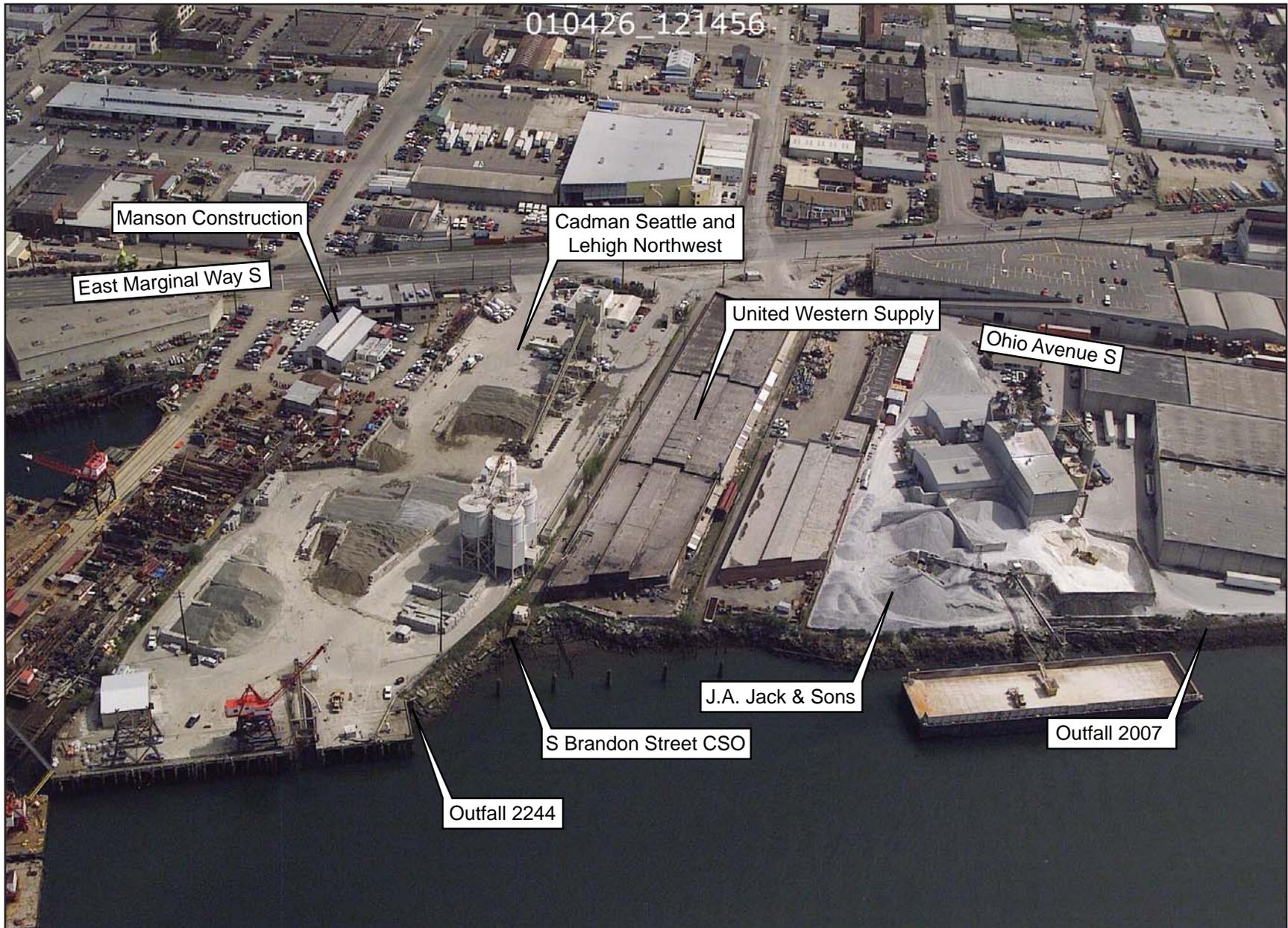


Figure B-10. RM 1.0 to 1.2 East (King County Lease Parcels): 2001



Figure B-11. RM 1.0 to 1.2 East (King County Lease Parcels): 2006