

Site Summary – Site 4583, Old ESG Storage Yard

Site Identification:

Site 4583
Conservation Yard
Old ESG Storage Yard

Operational Use/History:

- This area has been used to support research and development work at Santa Susana Field Laboratory (SSFL) since the 1950s.¹
- The Old ESG Storage Yard was used extensively during the 1960s to late 1970s predominately in support of nuclear-related work.¹
- When the Old ESG Storage Yard ceased to be used to support nuclear-related projects in approximately 1977, it was cleaned and all salvageable non-radioactive materials were moved to the New Salvage Yard.¹
- In the early 1980s, the Old ESG Storage Yard, which was no longer in use, became the Fuel Oil Tank Farm. The area was fenced in 1982.

Site Description:

- The Old ESG Storage Yard was a three-acre area of mostly natural terrain in the northeastern corner of Area IV, north of C Street.^{1,2}

Relevant Site Information:

- During various construction, dismantling and refurbishing phases of facilities that supported nuclear-related programs at SSFL, excess salvageable materials were kept primarily in the Old ESG Storage Yard.¹
- Excess materials spread to the surrounding areas, including the Old Conservation Yard, which was located south of the Old ESG Storage Yard.¹
- Since the Old ESG Storage Yard was used to support nuclear-related work, the area was surveyed for radiological contamination on a regular basis.¹
- Deliberate dumping or placing of materials did not occur, but contaminated items (uranium and mixed fission products) were occasionally found during routine radiation surveys.¹

Radiological Surveys:

- In 1988, Rocketdyne conducted a radiological Survey of the ESG Salvage Yard (Old), the Rocketdyne Barrel Storage Yard, and the New Salvage Yard (4583).¹
 - The Old ESG Storage Yard, OCY, and New Salvage Yard were surveyed to determine if any residual radioactive contamination remained as a result of storage operations to confirm that further surveying or decontamination was

Group C

necessary.¹ The area was surveyed for fixed and removable alpha/beta contamination.

- Ambient gamma exposure rate measurements were collected for the New Salvage Yard and the drainage gully to the west.
 - Average ambient surface gamma: 14.7 $\mu\text{R/hr}$.
 - Background: 15 $\mu\text{R/hr}$.
 - Acceptable Limit: Less than 5 $\mu\text{R/hr}$ above background.
 - The survey found the area to be below acceptable limits.

Status:

- The Old ESG Storage Yard became the Fuel Oil Tank Farm in the early 1980s. The Fuel Tank Farm and associated piping were demolished in 1999.

References:

- 1- ETEC Document, GEN-ZR-008, "Radiological Survey of the ESG Salvage Yard (Old), Rocketdyne Barrel Storage Yard, and New Salvage Yard (T583)," August 22, 1988.
- 2- SSFL Area IV, ETEC Industrial Planning Maps, 1962-1992.
- 3- Historical Site Photographs from Boeing Database.

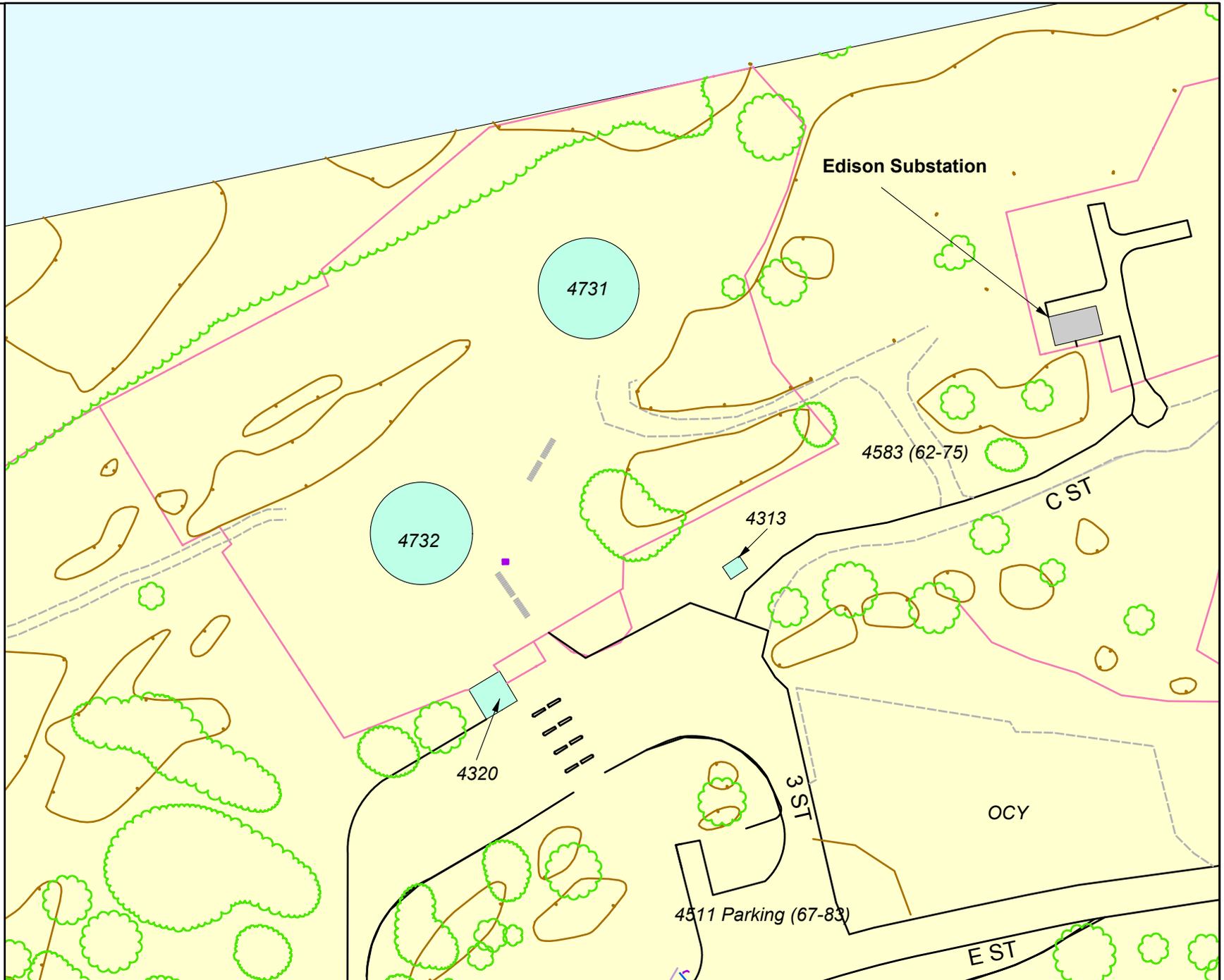
Legend

Labeled Features:
(Based on SSFL Documents
as of October 2004)

-  Buildings/Sites:
"Current"
-  Buildings/Sites:
"Demolished"

Unlabeled Features:

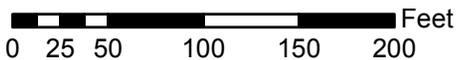
-  Leachfield
(Removed)
-  Tree
-  Rock
-  Concrete Curb
-  Gutter
-  Asphalt/Concrete
Berm & Paving
-  Sidewalk
-  Dirt Road
-  Fence
-  Stream/Pond
-  Drain
-  Area IV Boundary



DRAWN BY:



1 inch equals 100 feet



DATE:

May 2005

Site Summary Group C
AREA IV
Santa Susana Field Laboratory, CA