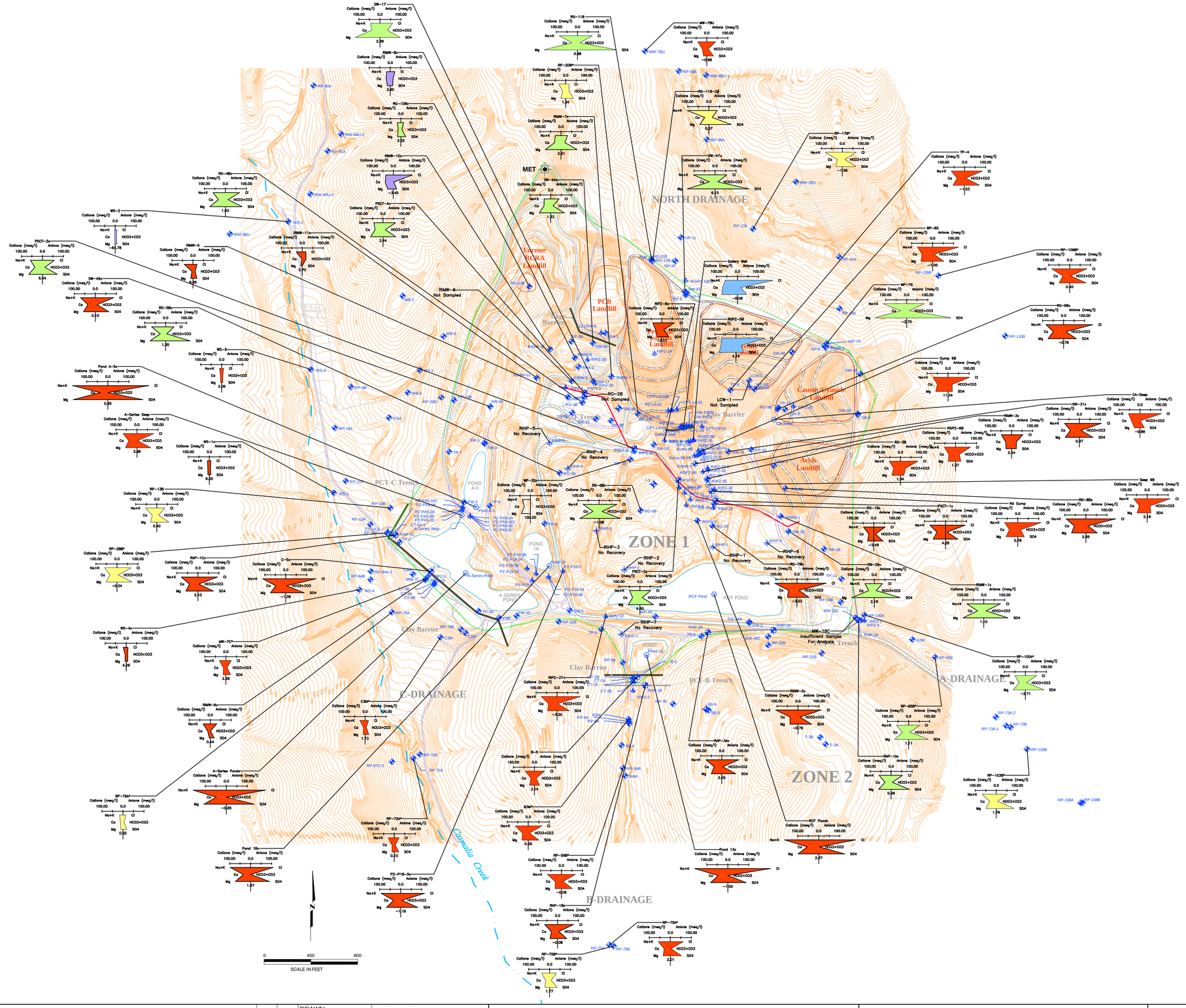


## LEGEND

- Burial Trench
- Landfill Boundaries
- Facility and Zone 1 Boundary
- Perimeter Source Control Trench (PSCT)
- Plume Capture Collection Trench (PCT)
- Clay Barrier
- Creek
- Pond Outline
- MW-15C — Upper HSU Monitoring Well
- GW-P(E) — Upper HSU Piezometer
- RAP-2A — Upper HSU Extraction Point
- POND18 — Upper HSU Surface Water Sample
- SW-35 — Upper HSU Other Sampling Point
- RIHP-1 — Upper HSU Hydropunch
- MET — Meteorological Station
- * Data from previous sampling events
- X Data from Fall 2008 sampling events
- # Data from Fall 2007 sampling events

B-5
Cations (meq/L) 100.00 0.0 Anions (meq/L) 100.00
Sodium & Potassium (Na+K)
Calcium (Ca)
Magnesium (Mg)
Chloride (Cl)
Alkalinity (HCO3+CO3)
Sulfate (SO4)
-3.17
ALL CONCENTRATIONS IN MILLIEQUIVALENTS PER LITER
MILLIEQUIVALENT BALANCE

- Sodium-Chloride Type
- Magnesium-Chloride Type
- Magnesium-Sulfate Type
- Sodium-Sulfate Type
- Calcium-Chloride Type

NOTES:

Topo map revised 1998, 2000, 2004. Topo with P/S landfill and borrow area revised 2000. (Foster-Wheeler)

Zone 1 boundary (green) is approximate and includes the area within the facility boundary.

4088097615026.DWG 4/0

| NO. | DATE | REVISIONS | BY | CHK |
|---|---|---|---|---|
| | | | | |

DRAWN: PCB | PROJECT NO: 4088097619
ENGINEER: | SCALE: 1"= 400
CHECKED: NAM | APPROVED: WJF
DATE: 1/2011 | DATE: 1/2011

**Final Remedial Investigation Report**

Casmalia Resources Superfund Site
Casmalia, California

**Stiff Diagrams for the Upper HSU Spring 2005 Remedial Investigation**

FIGURE **G-16**
SHEET: **1** OF **1**
REVISION NUMBER: 0
DATE: January 2011