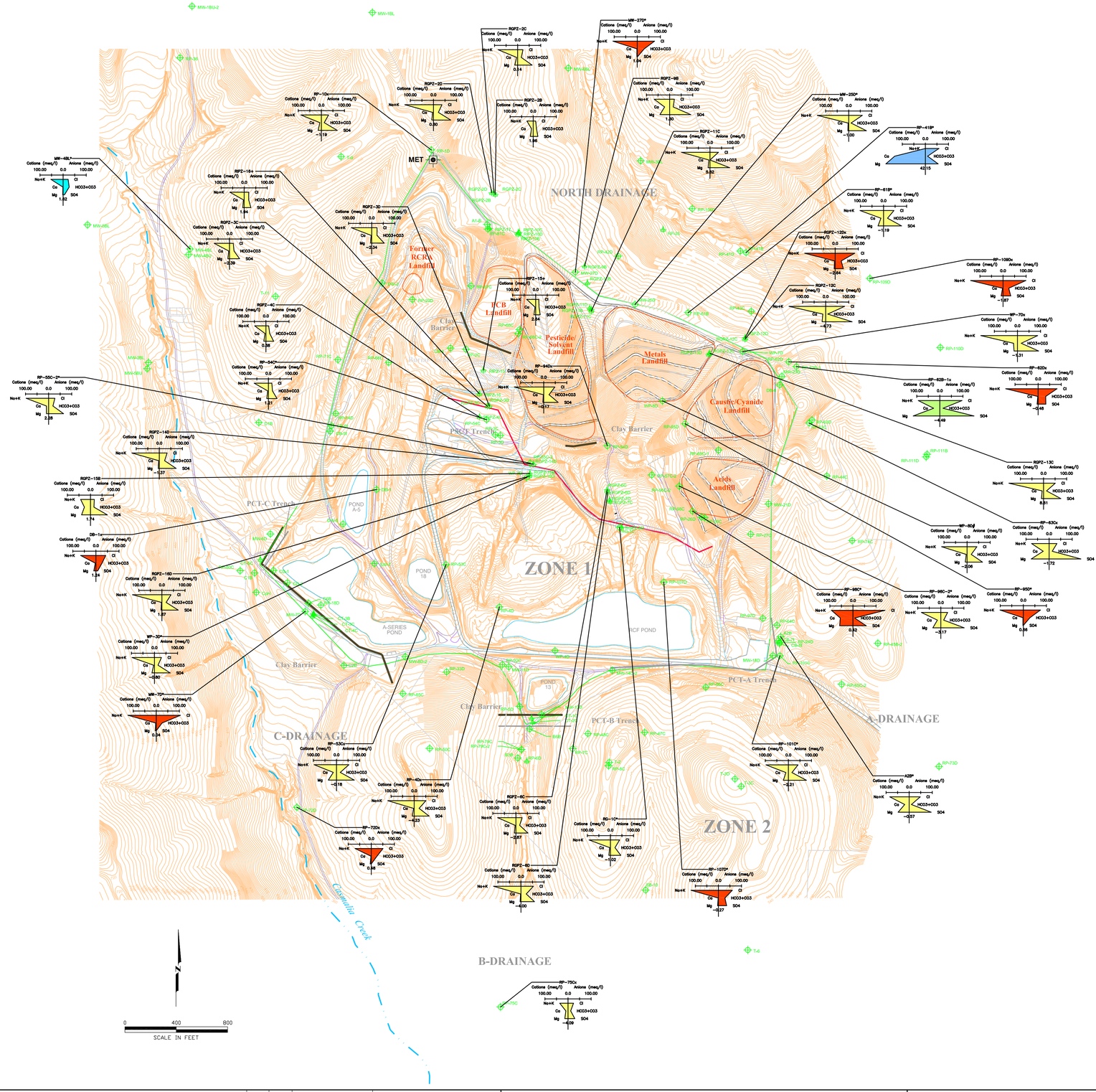

LEGEND

- Burial Trench
- Landfill Boundaries
- Facility and Zone 1 Boundary
- Perimeter Source Control Trench (PSCT)
- Plume Capture Collection Trench (PCT)
- Clay Barrier
- Creek
- Pond Outline
- RP-63B — Lower HSU Vibrating Wire Transducer
- CT-1C — Lower HSU Piezometer
- RP-63C — Lower HSU Monitoring Well
- MET — Meteorological Station
- * Data from previous sampling events
- \+ Data from Fall 2006 sampling event
- # Data from Fall 2007 sampling event
- X Data from Fall 2008 sampling event

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 (HCO[3]+CO[3])
- Sulfate (SO[4])

-3.17 BALANCE

ALL CONCENTRATIONS IN MILLIEQUIVALENTS PER LITER

MILLIEQUIVALENT BALANCE

- Sodium-Chloride Type
- Magnesium-Chloride Type
- Magnesium-Sulfate Type
- Sodium-Sulfate Type
- Sodium-Carbonate 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.

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20101214.1322

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 Lower HSU Spring Remedial Investigation

FIGURE **G-17**
SHEET: 1 OF 1
REVISION NUMBER: 0
DATE: January 2011