

# SEMSWA Channel Inventory Project 2013

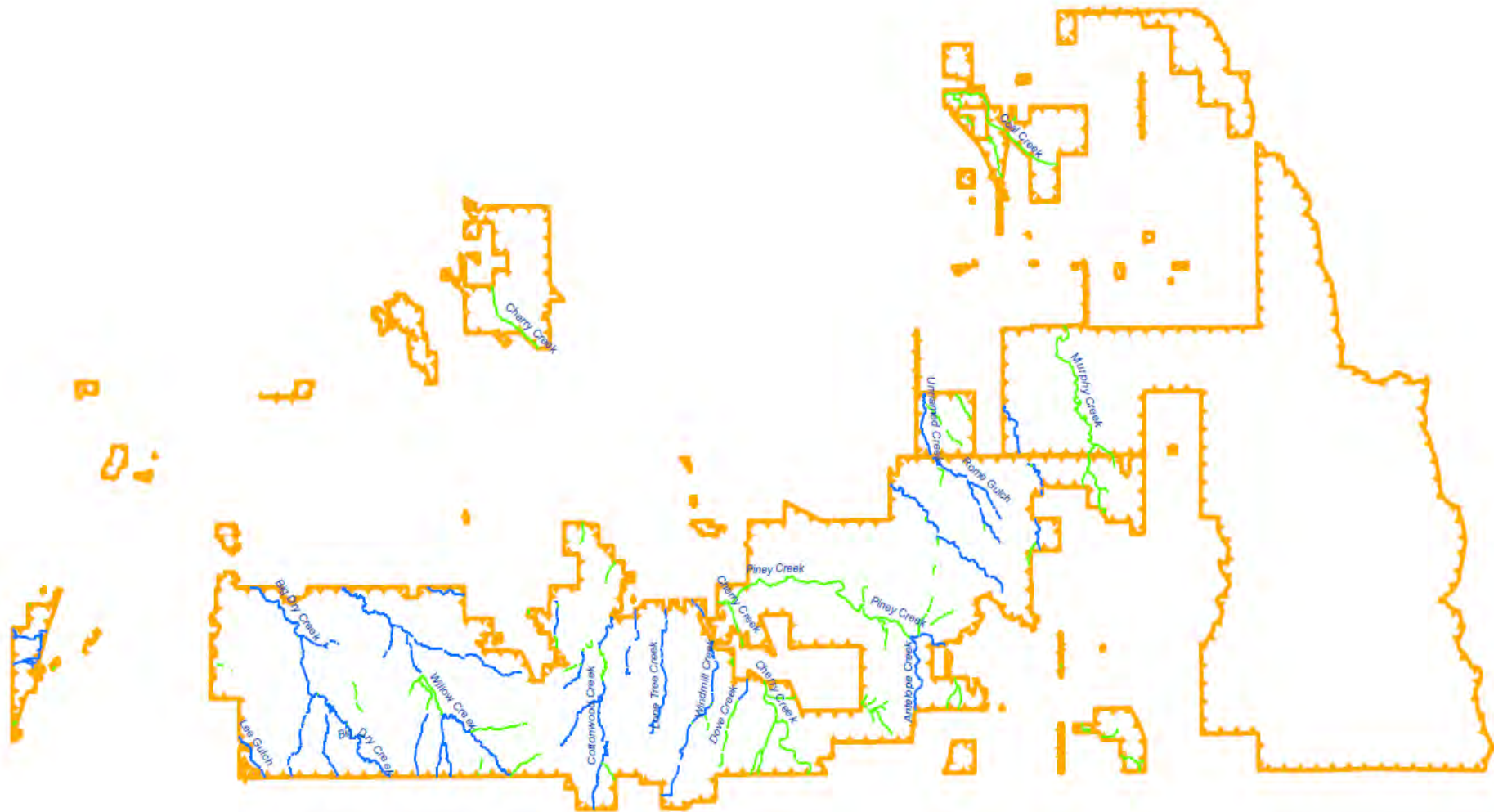
GIS Program Presentation to  
SEMSWA Board of Directors  
November 2013

# Asset Management

**Outcome Statement:** SEMSWA's Infrastructure Asset Management Program is the combination of management, financial, economic, engineering, and other practices applied to infrastructure assets with the objective of providing the required level of service in the most cost-effective manner. It includes the management of the whole life cycle - design, construction, commissioning, operating, maintaining, repairing, modifying, replacing, and decommissioning/disposal - of infrastructure assets.

Channels and Outfalls being treated as Assets.

SEMSWA 2013 Channel Inventory Project Area



**Legend**

Channel Inventory Drainageways

- PHASE 1 (Full Assessment) (46.8 miles)
- PHASE 2 (Outfall / Observation Points Only) (39.2 miles)
- SEMSWA Service Area

# Project Information

- Contracted with Mountain Mapping & GIS (MMG) and TSH Engineering
- Phase 1: Full Assessment
  - Erosion and channel conditions
  - Outfall Inspections
  - Photo points
- Phase 2: Outfalls Only
  - Outfall Inspections
  - Photo Points
  - MMG only
- Completed by March 2014
- Goals:
  - Identify problem areas in channels
  - Inspect Outfalls for MS4 Permit requirements
- Database: GIS points, Cartegraph Inspections / Conditions, Work and Asset Management System