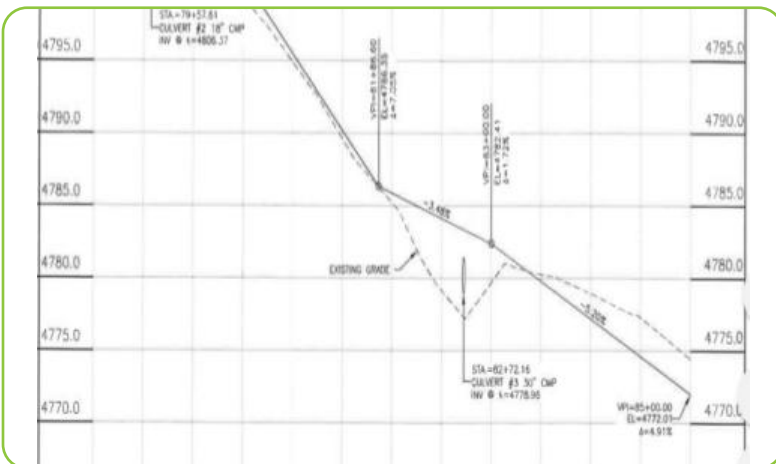




Reclamation
Weed Management

2dotconsulting.com





Reclamation Services

- Reclamation planning & design
- BMP installation
- Seeding & watering
- Soil sampling, analysis, amendments
- Soil analysis
- Vegetation transplanting
- Herbicide application
- Earthwork
- Seed bed preparation
- Permitting
- Pit closures
- Weed management plan

Design

- Reclamation Plan Design
- Soil pile calculation and management
- Weed Management Plan
- Pesticide and Herbicide application (2DOT holds herbicide applicators license for WY/CO)
- Stormwater Regulatory Compliance Inspections and Reporting
- BMP Selection & Design

Project Experience

- Commercial and Residential Development (5 - 500ac)
- Land Development and Site Improvements
- SPCC Plans and Secondary Containment
- Stormwater Design/Grading Plans



Soil Amendments

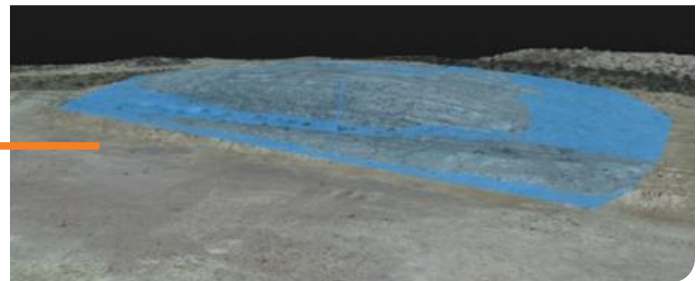
When soils are healthy, they play a significant role in our ecosystem. When soils have limiting factors, such as lacking organic chemistry, we can adapt and improve their physical and chemical properties to enhance plant growth and contribute to a successful reclamation project.

We take a site-specific, science based approach to reclamation. By collecting soil samples, mapping healthy soils and vegetation communities, and understanding soil limitations, we can provide an economic and efficient approach to large and small reclamation projects.



Topsoil Stockpile calculation taken from Drone

- Area: 0.59 acres
- Volume: 4,908 cubic yards
(PIX4D = 5,189 cubic yards +/- 67 cubic yards)



We map soil stock piles with drones and calculate soil quantities. When soils are properly stored, we can use them to reduce reclamation costs and save time.

Weed Management And Rare Plant Surveys

2DOT botanists have extensive experience using state or federal protocols for protected and noxious plant surveys in WY, CO, NE, UT, KS, NM, and TX. We find the most updated botanical literature, online databases, and plant physiology information to optimize our field survey time and your budget. 2DOT is also able to provide herbicide application for the management of noxious weeds on a wide variety of project types.



Management

Reclamation is necessary to restore ecosystem function and advance vegetation succession following any activity that disturbs the ecological characteristics of a site.

Field Operations

- Soil Chemistry Analysis
- Soil Amendments
- Seed Bed Preparation
- Water Distribution