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Western States Reclamation, Inc. (WSRI) is a full-service environmental contracting corporation consisting of landscape and reclamation divisions. We are able to implement a variety of revegetation and landscaping techniques, using state-of-the-art equipment operated by skilled personnel.

Our management team consists of leading industry professionals with academic backgrounds and years of experience in the field. WSRI manages several concurrent projects supervised by highly qualified foremen and superintendents.

WSRI has completed high-profile, award-winning reclamation and landscaping projects for municipalities and private corporations since 1983.

WSRI is licensed or has permits to work in Arizona, Arkansas, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, Oklahoma, Oregon, Texas, Utah, North Dakota, South Dakota, and Wyoming.



Airports **Exploration drill sites** Wildfire restoration **Gravel** quarries Hazardous waste sites **Highway corridors** Landfills Mined land Mountain developments Natural disaster restoration Oil and gas drill sites **Open space areas Pipeline corridors** Railroads Transmission lines Wetland mitigation Wildlife habitat enhancement

SERVICES

Soil tillage Soil preparation Soil amendment and fertilizer application Drill seeding Hand seeding **Aerial seeding** Machine broadcast seeding Hay/straw mulching Hydromulching **Erosion control blanket** Silt fence **Erosion wattles** Cattle guards Fencing Woody and wetlands planting Earthwork Sod installation Tree and shrub planting Wetland mitigation

DAST DAST DAST DIL AND GAS

PROJECT: ENCANA (2008–2015)

CLIENT | Encana

LOCATION | Multiple locations across western CO

DESCRIPTION | WSRI implemented erosion control measures and earthwork operations for remotely located oil and gas pads from 2008 through 2013. During the construction WSRI was able to overcome project challenges with well-organized, forward-thinking project management and scheduling. Project had long hauling distances to project sites, and extensive distances between project sites and water sources. There was also a restriction of working hours around active well pads.

On average each year, WSRI installed over 16,000 square yards of erosion control blanket, 30,000 linear feet of erosion control wattles, and 18,000 linear feet of new fencing. Coordination with other service companies in the area that also utilized access roads into the remote sites was critical to the project's overall success.

HIGHLIGHTS

- Over 80 acres of weed-free straw applied and crimped
- 124 acres of Flexterra flexible growth medium applied to reduce erosion and increase and accelerate seed germination success
- Client utilized WSRI's environmental consulting capabilities to establish revegetation and uphold maintenance and performance standards

• Certified application of Terra Flash colorant on 4.8 acres. Terra Flash was applied to enhance the visibility of the applied erosion control slurries. WSRI is one of two certified companies for Terra Flash application in the region

CONTRACT AMOUNT | \$1,000,000-\$2,000,000 annually

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OWNER | Encana



PROJECT: O'NEIL RANCH

CLIENT | Pioneer Natural Resources

LOCATION | Raton Basin of Trinidad, CO

DESCRIPTION | WSRI was hired to implement land restoration and stormwater management procedures designed by our sister company Chenoweth & Associates Environmental Consultants, LLC. The project site was on the O'Neil Ranch, an exclusive hunting destination in southern Colorado. WSRI's scope of work included the mediation of landowners' concerns by implementing proper reclamation procedures while maintaining critical elk and turkey habitats. Using an excavator and dozer, debris along roads and well pads was removed and fine grading was implemented. Native seeding and the application of organic fertilizers was completed using WSRI's hydroseeders. Mulching was accomplished using two different techniques: in areas susceptible to high erosion, a bonded fiber matrix product was hydraulically applied. In less erosion-prone areas, the more traditional straw mulch and tackifier method was utilized. The project saw great success in stabilizing disturbed areas and re-establishing critical wildlife habitat.

CONTRACT AMOUNT | \$1,500,000

OWNER | Pioneer Natural Resources



PROJECT: ANADARKO – WYOMING

CLIENT | Anadarko

LOCATION | WY

DESCRIPTION | WSRI revegetated and implemented erosion control measures for over 50 acres of land surrounding remote Anadarko well pads and pipeline. The scope of the project included the seeding and mulching of project access roads and pad areas and the placement of erosion control measures to stabilize erodible land. WSRI was able to effectively schedule and coordinate remote work and deliver a successful project to the owner.

HIGHLIGHTS

• Over 50 acres of land hydroseeded and mulched

• Flexterra growth medium applied to control erosion and encourage rapid seed germination

CONTRACT AMOUNT | \$303,200

OWNER | Anadarko

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PROJECT: PIONEER NATURAL RESOURCES (2009–2010)

- CLIENT | Pioneer Natural Resources
- LOCATION | Northwestern CO

DESCRIPTION | WSRI implemented erosion control measures and revegetation operations for multiple remotely located oil and gas pads in 2009 and 2010. During the construction WSRI was able to overcome project challenges with well-organized, forwardthinking project management and scheduling.

Project challenges consisted of:

- Long hauling distances to project sites
- Extensive distances between project sites and water sources

CONTRACT AMOUNT | \$80,000

OWNER | Pioneer Natural Resources



PROJECT: PAWNEE BUTTES GRASSLAND – POND STOCKPILE REVEGETATION

CLIENT | Whiting Petroleum

LOCATION | New Raymer, CO

DESCRIPTION | WSRI prepared and revegetated freshwater pond stockpiles. Project involved earthwork, soil preparation, mulching, and seeding. WSRI had to overcome soil chemistry issues, arid conditions, and changing scope.

CONTRACT AMOUNT | \$220,000 (ongoing)

OWNER | Whiting Petroleum

PROJECT: SHELL HYDROLOGY PADS

CLIENT | Shell Exploration and Production

LOCATION | Rio Blanco County, CO

DESCRIPTION | WSRI prepared and revegetated hydrology pads for final reclamation. Added soil amendments, installed erosion control BMPs, and planted native grasses and shrubs.

CONTRACT AMOUNT | \$200,000

OWNER | Shell Exploration and Production

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PROJECT: KERN RIVER NATURAL GAS APEX EXPANSION (2011)

CLIENT | Kern River Gas Transmission Company

LOCATION | Wasatch Mountains (outside Salt Lake City, UT)

DESCRIPTION | This project involved revegetation services along 28 miles of some of the nation's most challenging terrain. This section of pipeline traversed through numerous canyons and across mountainous slopes that were over a 2:1 gradient. WSRI successfully and safely transported equipment, laborers, and materials into the job site via helicopter while maintaining an aggressive schedule. WSRI organized and safely directed up to 200 employees to meet project goals. The pipeline's right-of-way ran from urban north Salt Lake neighborhoods through rural mountain passes that exceeded 8,500 feet in elevation. Execution of the project took exceptional cooperation between the project owner, the general contractor, and the WSRI team.

WSRI was able to complete the project ahead of schedule—an accomplishment that many individuals didn't think could be done. The project ended up being one of the most difficult revegetation projects that WSRI has completed in our company history.

HIGHLIGHTS

- Revegetation of extreme terrain completed using a combination of helicopters, allterrain tracked equipment, and dozers
- 850,000 square yards of erosion control blanket placed in exceptionally rough terrain
- 390 acres of right-of-way revegetated and stabilized

ORIGINAL CONTRACT AMOUNT | \$1,628,169

FINAL CONTRACT AMOUNT | \$2,516,536

OWNER | Kern River Gas



PROJECT: KERN RIVER NATURAL GAS APEX EXPANSION (2011)





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PROJECT: OVERLAND PIPELINE – RESTORATION

CLIENT | CH2M Hill

LOCATION | Piceance Basin in northwestern CO

DESCRIPTION | This project involved restoration services for the 152-mile Overland Pass Piceance Basin Lateral Pipeline Project. The project stretches from Meeker, Colorado to Wamsutter, Wyoming and extends through various ecosystems and terrains. WSRI, working with the BLM, CSFS, and multiple landowners, completed over 1,500 acres of seeding. The project also consisted of straw mulching, erosion control blanket installation, fencing, native shrub planting, and revegetation maintenance. Communication between landowners and agencies had been critical in the restoration process, assuring that work was being completed within allotted seeding windows. The nature of the contract has allowed WSRI to work alongside CH2M Hill to adjust reclamation practices in order to cost-effectively deliver a successful project regardless of terrain or challenges.

HIGHLIGHTS

- Revegetation of extreme terrain completed using UTVs and LPG Dozer equipment
- Over 12,000 linear feet of barbed-wire fencing was installed in addition to approximately 80 steel stock gates
- 300,000 square yards of erosion control blanket was placed in exceptionally rough terrain
- Approximately 4,000 bitterbrush seedlings were installed and maintained during the fall of 2010

CONTRACT AMOUNT | \$1,500,000

OWNER | ONEOK Partners, Inc.





PROJECT: NORTHWEST PIPELINE LOOP EXPANSION

CLIENT | Northwest Pipeline Corporation

LOCATION | Kemmerer, WY to Massacre Rocks, ID

DESCRIPTION | This was a multi-faceted project that included temporary erosion control as well as native and wetland planting and seeding of pipeline areas. Work was performed using special revegetation equipment, hand labor, and a helicopter for aerial seeding and mulching on extremely steep portions of the pipeline.

CONTRACT AMOUNT | \$1,500,000

OWNER | Northwest Pipeline Company

PROJECT: LAKEWOOD PIPELINE

CLIENT | Barnard Construction Company, Inc.

LOCATION | Nederland, CO

DESCRIPTION | WSRI applied native seed and implemented erosion control measures along a new water line. The scope of work included silt fencing, jute blanket, bonded fiber matrix, upland seeding, riparian seeding, and wetland seeding. This project also included planting approximately 19,000 shrubs and trees to re-establish forest and shrub land vegetation population. The challenges that had to be overcome were a lack of access for the heavy equipment and unfavorable soil conditions. WSRI crews provided 3 years of maintenance services. These services included watering, pruning, and replanting. All-terrain vehicles (ATVs) had to be utilized to haul personnel and water to the site during the maintenance period.

CONTRACT AMOUNT | \$866,000

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OWNER | City of Boulder

WESTERN STATES RECLAMATION



PROJECT: NIOBRARA GATHERING SYSTEM

CLIENT | ConocoPhillips

LOCATION | Arapahoe County, CO

DESCRIPTION | WSRI provided erosion control and revegetation services for areas disturbed by the construction of gathering lines. Compost erosion logs were used throughout the right-of-way, and over 37,000 LF of logs were used throughout the course of the project. Over 200 acres were seeded and mulched, 40 of which were covered with erosion control mats.

PROJECT: DOUGLAS AND NIOBRARA PIPELINES

CLIENT | ONEOK Partners, Inc

LOCATION | Douglas and Norbrara Counties, WY

DESCRIPTION | In the fall of 2014, WSRI was hired to complete restoration work on two Wyoming pipelines, totaling 82 miles in length and 816 acres in size. Due to delays in the pipeline schedule, WSRI was handed a large project with a tight timeline. Winter conditions and an owner wanting to accelerate the project schedule were the two greatest challenges on the project. WSRI met ONEOK's requirement to accelerate the project schedule and complete all work by December. Up to 14 tractors were utilized, running 7 days per week to meet the accelerated project schedule. WSRI continues to monitor the alignment through 2015. The Douglas line consisted of 286 acres of seeding and mulching, with 360 access mats that had to be removed prior to restoration. The Niobrara line had 530 acres to seed and mulch. WSRI came through for ONEOK by mobilizing over 20 workers and a large fleet of equipment to finish the job in 45 days.

CONTRACT AMOUNT | \$2,145,387

OWNER | ONEOK Partners, Inc.





PROJECT: SDS PIPELINE

CLIENT | Layne Heavy Civil

LOCATION | El Paso County, CO

DESCRIPTION | This project consisted of reclamation for a 50-mile pipeline from Pueblo Reservoir to Colorado Springs. The project faced resistance from landowners due to previous substandard reclamation efforts. WSRI completed revegetation and stormwater management measures on a large area. Tasks included earthwork and installation of riprap and miles of pipe. WSRI built a massive temporary irrigation system to encourage revegetation. For this project, WSRI performed weed control and maintenance for an extended period. Along with WSRI's skill and experience in reseeding and erosion control, the irrigation proved to be a success and the project exceeded the 90% growth rate threshold.

OWNER | Colorado Springs Utilities

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PROJECT: POWDER RIVER COAL MINES

CLIENT | Peabody Western Coal Company

LOCATION | Gillette and Wright, WY

DESCRIPTION | WSRI performed native shrub and grass revegetation using a variety of different methods, including hydroseeding, drill-seeding, and broadcast seeding on a range of different terrains. A number of other tasks included fencing, planting, maintenance, pitting, rock picking, and environmental compliance. This contract was for 3 years on 3 active coal mines: Caballo, Rawhide, and North Antelope Rochelle.

CONTRACT AMOUNT | \$877,500

OWNER | Peabody Western Coal Company

PROJECT: KAYENTA COAL MINE

CLIENT | Peabody Western Coal Company

LOCATION | Kayenta, AZ

DESCRIPTION | WSRI maintains a field office employing 12 to 14 Native Americans at the Black Mesa Coal Mine. This crew handles numerous restoration projects on the mine, including the annual revegetation of 400 to 600 acres, fence installation, planting, transplanting, waterline installation, and stream channel restoration. WSRI crews handle and resolve any environmental issues as addressed in the Office of Surface Mining's weekly inspections.

CONTRACT AMOUNT | \$600,000 annually since 2001

OWNER | Peabody Western Coal Company

WESTERN STATES RECLAMATION

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PROJECT: COPPER RANGE MINING COMPANY – WHITE PINE MINE TEST PLOT

CLIENT | Golder Associates/Golder Kirtec Construction

LOCATION | White Pine, MI

DESCRIPTION | WSRI was retained by Golder Associates/Golder Kirtec Construction to install complex test plots on mine tailings. Accessibility and site conditions varied throughout the test plot sites, which was a challenge that WSRI had to overcome. The test plots consisted of a wide matrix of installations, including numerous types of organic soil amendments such as slag, compost, wood chips, organic fertilizers, etc. Seeding, mulching, and installation of other erosion control features were also included in WSRI's work. The project was under tight deadlines and strict quality control standards typical of test-plot construction. WSRI utilized low-ground-pressure pulling units, front-end loaders, and other implements necessary to complete this project in the upper peninsula of Michigan.

CONTRACT AMOUNT | \$287,000

OWNER | Copper Range Mining Company



PROJECT: SILVER BOW CREEK STREAMSIDE TAILINGS REVEGETATION

CLIENT | Montana Department of Environmental Quality

LOCATION | Silver Bow Creek, MT (near Fairmont, MT)

DESCRIPTION | WSRI was responsible for the revegetation operations of a floodplain arch along Silver Bow Creek in southwest Montana following remedial construction activities. A critical part of WSRI's scope of work was to turn poor-quality surface soils into high-quality, seeded material to enhance revegetation success. WSRI used specialized organic spreaders to apply composted material over a wide area. In addition, fertilizer was applied at a specified rate and incorporated into the soil to help promote vegetative establishment. Trained WSRI personnel conducted mechanical drill-seeding. Phase I of this project was successfully completed in the fall of 2009 and Phase II was completed in the spring of 2010.

CONTRACT AMOUNT | \$180,557

OWNER | State of Montana Department of Environmental Quality





PROJECT: OSAGE MINE – REVEGETATION

CLIENT | Colorado Minerals & Geology

LOCATION | Steamboat Springs, CO

DESCRIPTION | This project included drill-seeding and hay mulching over 160 acres of moderately and very steep slopes, installation of barbed-wire fencing, and riprap-lined channels on an abandoned mine site.

CONTRACT AMOUNT | \$159,000

OWNER | State of Colorado – Colorado Minerals & Geology

PROJECT: COAL BASIN – REVEGETATION

CLIENT | Colorado Minerals & Geology

LOCATION | Redstone, CO

DESCRIPTION | This project included major earthwork shaping of old coal waste piles, installation of diversion channels, several thousand willow cuttings, log erosion control structures on the slope area to provide planting sites for Engelmann spruce, and seeding and mulching of disturbed areas. All plantings were completed on a steep slope site by hand labor, using rappelling equipment for employee safety.

CONTRACT AMOUNT | \$78,000

OWNER | The State of Colorado

WIND FARM

PROJECT: THREE BUTTES WINDPOWER – RESTORATION

CLIENT | Wanzek Construction, Inc.

LOCATION | Casper, WY

DESCRIPTION | This project involved the revegetation and stormwater BMP materials installation for over 400 acres east of Casper, Wyoming. The project consisted of reclaiming construction areas around structure bases and along the wind farm's access roads. WSRI was able to meet project goals by utilizing multiple reclamation crews. Over 5.5 miles of silt fence was installed on this project.

CONTRACT AMOUNT | \$400,000

OWNER | Duke Energy

PROJECT: LIMON WIND – RESTORATION

CLIENT | Blattner Energy

LOCATION | Limon, CO

DESCRIPTION | Revegetation and stabilization of wind tower sites, transmission lines, and access roads in rural Colorado. Several seed mixes were utilized depending on land classification and use. WSRI worked with Blattner Energy, the local NRCS office, CDOT, and private landowners to meet each party's requirements for varying vegetation species composition to deliver a successful project. Advanced staging of materials and constant communication between the project team was critical at this rural and expansive location.

CONTRACT AMOUNT | \$375,186

OWNER | NextEra Energy, Inc.





PROJECT: KIT CARSON WIND FARM – RESTORATION

CLIENT | Wanzek Construction, Inc.

LOCATION | Burlington, CO

DESCRIPTION | This project involved revegetating and installating stormwater BMP materials on 35 acres north of Burlington, Colorado. The project consisted of reclaiming construction areas with native seed and straw mulch around structure bases and along wind farm access roads. Over 11,000 linear feet of silt fencing was installed on the project.

CONTRACT AMOUNT | \$67,875

OWNER | Duke Energy





PROJECT: CHERRY CREEK WETLANDS 3

CLIENT | Weaver General Construction Company

LOCATION | Parker, CO

DESCRIPTION | WSRI built an 8-acre wetland area, which included stripping 10,000 cubic yards of topsoil and 75,000 cubic yards of subsoil, followed by topsoil replacement and regrading. The site included drill-seeding 5 acres of lowland/upland area and hand-seeding 3 acres of wetland area. Planting consisted of 212 five-gallon deciduous shrubs, 1,158 one-gallon deciduous shrubs, 8,877 wetland tubelings, and 13,488 willow cuttings. Twelve piezometers were placed on site to monitor groundwater levels and various erosion control methods were used to control sediment.

CONTRACT AMOUNT | \$678,162

OWNER | Parker Water and Sanitation District

PROJECT: STRUCTURE 12 OVER ROCK CREEK – FLATIRON CROSSING MALL

CLIENT | Lawrence Construction

LOCATION | Flatiron Crossing Mall, Broomfield, CO

DESCRIPTION | This project included planting over 10,000 ten-cubic-inch wetlands species (including spike rush, Nebraska sedge, prairie cordgrass, three square bulrush, small fruit bulrush, arctic rush, Colorado rush, blue vervain, and switchgrass), 80 cottonwood trees, 700 five-gallon shrubs, soil preparation, seeding of enhanced drainage areas, and maintenance for 1 year.

CONTRACT AMOUNT | \$188,735

DESIGNER | Downing Thorpe & James

WESTERN STATES RECLAMATION



PROJECT: FOUNTAIN CREEK RESTORATION AT GOLD HILL MESA

CLIENT | City of Colorado Springs

LOCATION | Colorado Springs, CO

DESCRIPTION | This was a stream-enhancement project that involved the installation of 84 trees, 12,810 willow cuttings, 38 boulders placed in the stream to provide a fish habitat, 2 acres of seeding, and temporary erosion control measures.

CONTRACT AMOUNT | \$123,598

OWNER | City of Colorado Springs

PROJECT: RICHMOND HILLS – WETLANDS MITIGATION

CLIENT | Jefferson County Open Space

LOCATION | Jefferson County, CO

DESCRIPTION | This project consisted of channel shaping, placement of approximately 1,700 cubic yards of topsoil, riprap placement, installation of a turf reinforcement mat, installation of an erosion control blanket, willow stakes, wetland and upland seeding, 10,500 wetlands plugs, and cottonwood trees.

CONTRACT AMOUNT | \$73,525

OWNER | Jefferson County Open Space

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PROJECT: US 36 OFFSITE ENVIRONMENTAL MITIGATION

CLIENT | CDOT and Boulder County Open Space & Mountain Parks

LOCATION | Boulder, CO

DESCRIPTION | The goal of this project was to create a wetland on Boulder Open Space property that mitigated the environmental impacts of the large CDOT project on Hwy 36 into Boulder. WSRI worked with Rocky Mountain Excavating to turn the 25-acre cattle pasture into a functional wetland area. 885 square yards of 12-inch-deep wetland sod and associated topsoil were transplanted to the wetland site from the Hwy 36 construction project, as well as 5 threatened Ute Ladies Tresses orchids. Other tasks on the project include 25 acres of native upland and wetland seeding, soil conditioning, mulching, and planting more than 18,000 shrubs, wetland plugs, and willow cuttings. WSRI is now in the 2-year maintenance phase of the project.

PROJECT: THORTON GRAVEL QUARRY – WETLANDS MITIGATION

CLIENT | Aggregate Industries

LOCATION | Thornton Gravel Quarry, Thornton, CO

DESCRIPTION | This project included planting over 9,000 ten-cubic-inch wetland plants in a reclaimed section of the Thornton Gravel Quarry. Species included: beaked sedge, creeping spike rush, baltic rush, poverty rush, hard stem bulrush, American three square, soft stem bulrush, water sedge, wooly sedge, tufted hair grass, fowl mannagrass, creeping spike rush, rocky mountain iris, torrey's rush, and blue joint reed grass. The scope of work also included the seeding and mulching of transition and wetland areas, installing a safety fence, and silt fencing.

CONTRACT AMOUNT | \$44,495

OWNER | Aggregate Industries





PROJECT: BIG DRY CREEK – WETLANDS MITIGATION

CLIENT | Neatline Structures

LOCATION | Westminster, CO

DESCRIPTION | WSRI planted approximately 4,000 ten-cubic-inch wetlands plants (species included mannagrass, three square bulrush, spikerush, baltic rush, Nebraska sedge, woolly sedge, and prairie cordgrass), 300 willow cuttings, and transition area seeding and mulching.

CONTRACT AMOUNT | \$14,614

DESIGNER | Julie Eck, City of Westminster

PROJECT: HAHN'S PEAK ROAD IMPROVEMENTS – REVEGETATION AND WETLANDS MITIGATION

CLIENT | Mendez, Inc.

LOCATION | Steamboat Springs, CO

DESCRIPTION | This project included revegetating steep slopes and planting several thousand wetlands tubelings in a high-altitude environment. Limited access and mucky conditions required the use of all-terrain vehicles to haul plant materials and crews to planting zones. Erosion control treatments on the steep slopes included hydroseeding and the installation of erosion control blankets.

CONTRACT AMOUNT | \$125,000

OWNER | Federal Highway Administration

26 WESTERN STATES RECLAMATION



PROJECT: FOUNTAIN CREEK DRAINAGE PHASE B

CLIENT | Tezak Heavy Equipment

LOCATION | Colorado Springs, CO

DESCRIPTION | WSRI completed approximately 6 acres of wetlands and upland construction work. The scope of the wetlands work included 5,600 willow stakes, 734 one-gallon shrubs, 444 five-gallon shrubs, 31,000 square yards of erosion control blanket, 30 salvaged cottonwood branches, and 5 acres of wetland seeding. WSRI installed over 60,400 linear feet of drip-pipe to maintain the wetland plantings during the establishment period. WSRI also installed a temporary irrigation tap utilizing a fire hydrant and a backflow preventer, and also installed battery-powered irrigation controllers.

CONTRACT AMOUNT | \$181,879

OWNER | City of Colorado Springs

DESIGNER | Dave Blauch, Ecological Resource Consultants







PROJECT: HOUTS RESERVOIR

CLIENT | Ecological Resource Consultants

LOCATION | Loveland, CO

DESCRIPTION | WSRI worked with Ecological Resource Consultants to perform earth work, erosion control, seeding, and planting. Tasks included shoreline stabilization, 2.6 acres of wetland bed preparation, 7,000 feet of temporary wildlife fence, erosion control blanket, shrub plantings, and 22,000 wetland plugs.

CONTRACT AMOUNT | \$63,000

PROJECT: FORT COLLINS NATURAL AREA

CLIENT | Ecological Resource Consultants

LOCATION | Fort Collins, CO

DESCRIPTION | This project included the restoration of 4 areas that included 9 acres of grading, soil amendments, and revegetation. WSRI installed 11,000 wetlands plugs, 1,000 shrubs, and 3,000 willows. WSRI used fine grading, organic soil amendments, tilling, and soil pits for plant bed preparation. Wire fencing was installed to protect planted areas from wildlife.

CONTRACT AMOUNT | \$120,000

OWNER | City of Fort Collins

PROJECT: COLORADO DEPARTMENT OF TRANSPORTATION

DESCRIPTION | WSRI has completed an average of 4 state highway revegetation projects per year since 1983. A large percentage of these projects have included wetland seeding and mulching, wetlands plantings, brush layer cuttings (willow cuttings), willow wattles, 1-gallon and 5-gallon shrub plantings, 1.5" to 3.0" cottonwood plantings, and wetland plug transplants.



PROJECT: BELLVUE WATER TREATMENT PLANT, POUDRE RIVER STREAM BANK RESTORATION

CLIENT | City of Greeley

LOCATION | Greeley, CO

DESCRIPTION | Following record flooding in the summer of 2013, the City of Greeley was faced with extensive damage to the riverbank of the Poudre River adjacent to the Bellvue Water Treatment Plant storage ponds. The flooding led to major erosion of the riverbank, leaving the berm separating the storage ponds from the river unprotected against spring snowmelt and heavy water flow.

Responding to the City of Greeley's request, WSRI rebuilt the unstable portion of the riverbank in tight time constraints to stabilize the bank before the spring snowmelt of 2014. Clint Snow, WSRI superintendant, executed restoration plans that created a stable, healthy riverbank and riparian ecosystem that would last for years to come. Boulders were placed into rows or barbs that reach into the river and slow down water flow, decreasing the impact of water on the riverbank. Native soil and cobble from the riverbed and surrounding area were mixed and placed in multiple lifts to recreate the riverbank that washed away. Soil/cobble lifts were wrapped in coir mat erosion blanket to temporarily prevent erosion as the vegetation becomes established.

Jon Dauzvardis and Grant Gurnee, owners of Ecosystem Services, were the restoration ecologists who designed the project. "The team at Western States was very easy to work with, adaptable to make necessary field changes, and knowledgeable of the necessary construction practices," said Ecosystem Services. "Because of their experience, the project turned out great with no surprises and no huge cost overruns. Often with stream bank restoration projects, field changes are necessary to adjust to the unforeseen conditions. In this case, it was additional erosion control fabric and toe protection to a deeper scour depth where the project tied into the existing stream bank upstream of the project."

The City of Greeley was also happy with the project results. "We are very thrilled that Clint and the rest of the team at Western States were able to work this project into the schedule and complete it before the onset of winter. He was able to make some adjustments to the original plan, due to some additional erosion since the original design, quickly and with only a minor impact to the original budget," said Dan Moore, Water Systems Engineer for the City of Greeley.

"Western States takes a team approach to projects like this," said Snow. "Our group has a great deal of experience restoring stream banks and mitigating wetlands. We had to overcome a few obstacles such as unusually high water, and had to come up with a safe and effective way to complete this project on time, on budget, and keep the impact on wildlife to a minimum. We all know our roles and a project like this allows us to really work together to show off our talents."

OWNER | City of Greeley

PROJECT: BNSF RAILROAD OKLAHOMA

CLIENT | BNSF

LOCATION | Woodward, OK

DESCRIPTION | This project involved hydroseeding and hydromulching a 19-acre site along railroad right-of-ways. Limited access for equipment, remote locations, dry conditions, and limited water required extensive daily planning to complete the project efficiently. Daily cooperation and constant communication with BNSF officials was also essential to guarantee compliance with all safety regulations and to prohibit train schedule disruptions.

RAILROAD

CONTRACT AMOUNT | \$33,000

OWNER | BNSF

PROJECT: BNSF RAILROAD KIOWA

CLIENT | Ames Construction

LOCATION | Attica, KS

DESCRIPTION | This was an extensive revegetation project, encompassing over 400 acres of railroad right-of-ways and crossings. The areas were fertilized, drill-seeded, straw mulched, and crimped. Slope gradients of 3:1 or greater were hydromulched to help prevent erosion. Poor and loose soils that may have inhibited good growing conditions were identified by WSRI as potential problem areas and were given special consideration when revegetating, in order to avoid soil loss. In this case, WSRI incorporated milo stocks into the soil to help add organic material. The stocks also added structure to the soil.

CONTRACT AMOUNT | \$607,000

OWNER | BNSF

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PROJECT: BNSF RAILROAD CANADIAN TEXAS

CLIENT | BNSF

LOCATION | Canadian, TX

DESCRIPTION | Slope grading and reshaping to repair washouts along railroad right-of-ways occurred on this 40-acre project. WSRI utilized a dozer to cat-track some of the slope areas. Seeding was done using a broadcast seeder mounted on the dozer that applied seed into the cat tracks, which served as miniature water-retention reservoirs. Those slopes were then hydromulched to help prevent future washouts. The remaining areas were drill-seeded, hay mulched, crimped, and tacked. Operators had to maintain contact with a BNSF railroad flagger on a daily basis to safely handle revegetation work and train traffic.

CONTRACT AMOUNT | \$607,000

OWNER | BNSF



PROJECT: HIGH PARK FIRE RECLAMATION (2012)

After the High Park fire of 2012, the City of Greeley, Larimer County, and the City of Fort Collins chose WSRI to begin the aerial seeding and wood mulch application to the barren, fire-scorched area. WSRI responded quickly by aerial-seeding and mulching via helicopter to help establish new vegetation and protect exposed, bare soil from erosion. WSRI used two medium-class helicopters to apply up to 400 tons of mulch per day. WSRI then provided continuous follow-up work to institute growth in the area. WSRI completed 10 miles of stream-channel tree felling to help direct and slow down water flow through ephemeral channel flows. When the rains started falling in the summer of 2013, the downstream residents and government authorities were nervous. They knew that without vegetation to control erosion, there was a high mudslide risk in the area. WSRI's crews continued to work the area continuously to prevent mudslides and massive erosion, and the wood mulch and new vegetation held the burn area largely intact throughout the pounding rains (described by weather observers as a 1,000-year-flood). The stormwater was also effectively managed.

WILDFIRE

"I'M PROUD OF THE WSRI TEAM AND OUR APPROACH TO THE HIGH PARK FIRE RECLAMATION PROJECT. WE FACED SOME REAL CHALLENGES, INCLUDING TIGHT TIME CONSTRAINTS, EXTREME WEATHER, EVEN PACKS OF STRAY DOGS, AND WE OVERCAME THEM TO MAKE THE PROJECT A SUCCESS, ALL WHILE EFFECTIVELY COMMUNICATING WITH RESIDENTS AND CIVIC LEADERS." — COLBY REID, RECLAMATION DIVISION MANAGER



PROJECT: HAYMAN GULCH WILDFIRE

CLIENT | Mountain West Helicopter

LOCATION | Deckers, CO

DESCRIPTION | For this project, WSRI applied straw over several burned areas within the USFS boundary of the Hayman Gulch Wildfire area. The straw was loaded onto nets that were aerially lifted by helicopter to spread straw mulch. The straw mulch was used to provide erosion protection until natural reforestation could occur. Approximately 8,300 acres were treated with straw on this project.

PROJECT: ENCEBADO WILDFIRE

CLIENT | Aero Tech

LOCATION | Taos, NM

DESCRIPTION | WSRI subcontracted to Aero Tech to complete 869 acres of aerial seed and hydromulch slurry loading and application on the Encebado Fire area during August of 2003. The slurry mixture consisted of winter wheat for quick vegetation cover, pine seed to regenerate conifer trees hydromulch, and laccoset, which is a soil-stabilizing material. The 869 acres were completed in 16 days.

PROJECT: JESUSITA AND GAP WILDFIRES

CLIENT | Santa Barbara County Flood Control & Water Conservation

LOCATION | Santa Barbara, CA

DESCRIPTION | The Jesusita and Gap erosion control project sites extended beyond 1,000 acres each. Each project received an aerial hydromulch slurry application. The hydromulch application was in response to a wildfire that swept through southern California, leaving steep slopes vulnerable to erosion. The slurry application was mixed and loaded into aircraft by WSRI teams.

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PROJECT: WALLOW FIRE

CLIENT | Mountain West Helicopters, LLC

LOCATION | Alpine, AZ

DESCRIPTION | WSRI, acting as the main subcontractor, procured over 12,397 tons of certified weed-free straw for the project. Sixty-nine loads of material were delivered for the project per day. Approximately 12,397 acres of burned land received aerial drops of straw mulch. WSRI project management personnel secured 9 staging areas (4 on private ground and 5 on Forest Service ground) for staging/mixing straw and for helicopter landing/fueling zones, and heavy rains on access roads created muddy road conditions and hazards for several days. Utilizing 2 skid steers, 2 telehandlers, 5 tractors, 1 hydromulcher, 4 helicopters, and a 24-man ground crew, Mountain West Helicopters and WSRI completed the project 25 days ahead of the U.S. Forest Service's contract completion date.

PROJECT: GRIFFITH PARK WILDFIRE

CLIENT | City of Los Angeles

LOCATION | Los Angeles, CA

DESCRIPTION | WSRI, aided by the efforts of Erickson Air-Crane and Wildland Resources, provided erosion control services for over 500 acres of burned ground in Los Angeles's Griffith Park. The project scope included the application of erosion control slurry, consisting of Terra matrix and bonded fiber matrix, to burn areas on slopes varying from 1:1 to 3:1. The slurry mixture that was used on the project was mixed and loaded on top of Mount Hollywood by a crew of 15 WSRI employees. The slurry was then applied to steep inaccessible burn areas using an Erickson Air-Crane S64-E model aircraft. WSRI was able to establish a helipad within park boundaries that allowed the soil stabilization team to deliver over 2,200 gallons of material to the burned land within minutes. The project was completed with 2.5 million gallons of mulch slurry material being applied in 2 weeks.





DAVID R. CHENOWETH

Certified Professional Soil Scientist #25041 Corporate President, Western States Reclamation, Inc. & Chenoweth & Associates Environmental Consultants, LLC

EDUCATION

Graduate coursework in Plant Ecology University of Colorado, Denver, Colorado

Graduate coursework in Environmental Science Colorado School of Mines, Golden, Colorado

B.S., Natural Resource Management, minor in Soil Science Kansas State University, Manhattan, Kansas

SPECIALTIES

- Comprehensive planning and construction management for reclamation and revegetation of drastically disturbed lands
- Analysis and implementation of revegetation programs to mitigate problems with acid bearing or alkaline soils
- Open space planning and management with native plants
- Wildlife habitat design and construction

EXPERIENCE

- 37 years of overall experience
- 33 years of soil surveying and interpretation

PROFESSIONAL ACCOMPLISHMENTS

- General oversight and project management for a vast array of revegetation and reclamation projects and conditions in 17 states
- Completed work on Environmental Impact Statements (EISs) and Environmental Assessments (EAs)
- Completed numerous soil surveys and soil interpretations over 37 years
- Served as an expert witness regarding natural resource issues on 7 different cases
- Authored numerous mining and reclamation plan permit applications for coal and gravel mines
- Periodic guest speaker at various universities on revegetation and erosion control topics
- Served 3 years as President of the American Society of Mining Reclamation
- Served on Kansas State University's Crops, Soils, and Agronomy Board of Directors

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EMPLOYMENT

President

Western States Reclamation, Inc., Frederick, Colorado

Responsibilities include overall management, hiring, training, supervision, and assessment of staff members. Also responsible for all client coordination, marketing, sales, financial controls, and project management for environmental contracting and consulting projects. Specific environmental contracting includes reclamation and revegetation of construction and mining projects. Research proper seed mixes for the utilization in minimizing erosion problems. Perform soil and vegetation studies.

President

Chenoweth & Associates Environmental Consultants, LLC, Broomfield, Colorado

Complete order 1, 2, and 3 soil surveys for clients as a part of comprehensive topsoil management plans for energy development projects. Determine adequacy of soil quality and quantity for reclamation plans. Oversee staff and subconsultants performing environmental baselines studies, which include vegetation mapping, vegetation qualitative and quantitative field data collection and analysis, and noxious weed mapping. Oversee the completion of comprehensive reclamation plan preparation, including monitoring and maintenance plans to help ensure successful reclamation efforts for energy development clients. Review and comment on new state and federal agency regulations and advise energy clients as to fairness of proposed new regulations during public comment period. Complete reclamation feasibility assessments for various clients and projects. Prepare erosion control and storm water management plans. Oversee field studies to evaluate current range conditions and current grazing practices to determine proper livestock stocking rates. Serve as expert witness on land reclamation and natural resource issues involving private and public land damage and cost estimates for damage claims.

Permits Coordinator/Project Coordinator

July 1981–October 1982

ARCO Coal Company, Denver, Colorado

Responsibilities included departmental coordination of in-house activities regarding the preparation of mining and reclamation plan permit applications. Functioned as liaison between company and regulatory agencies for coal mine development. Provided technical guidance to subordinate staff. Worked with Colorado, Utah, and Wyoming regulatory programs. Authorized several comprehensive permit applications for surface and underground coal mines. Project management responsibilities included evaluation of prospective, established, and new coal mines regarding potential environmental complications in the areas of threatened or endangered species and lack of adequate reclamation potentials. Also was involved with the assessment and hiring of reclamation contractors for the demolition, backfilling, grading, reclamation, and revegetation of mining facilities and sites.

Environmental Coordinator/Soil Scientist

ARCO Coal Company, Denver, Colorado

Responsibilities included conducting major environmental baseline studies that contained soil surveys, vegetation studies, air quality studies, surface and groundwater reviews, meteorological studies, and wildlife impact assessments. Also managed outside consultants in the completion of some of the studies. Involved with the project coordination, direction, scheduling, budgeting, assessments, and final work products. Completed the work for two surface coal mines, five underground coal mines, one coal preparation plant, and two oil shale properties in three western states. Served as staff soil scientist regarding soil reclamation and soil chemistry issues.



July 1990–Present

July 1979–July 1981



Responsibilities included conducting big-game surveys and monitoring all hydrologic and meteorology facilities on two surface coal mines covering a 4,000 acre tract. Conducted topsoil stripping management plans and reclamation research on in-house test plots in Wyoming.

Soil Conservation Aide

U.S. Department of Agriculture, Topeka, Kansas

Responsible for designing, field surveying, and on-site construction management of terraces, waterways, diversions, and stock water ponds. Also utilized the Universal Soil Loss Equation (USLE) to identify and implement control measures for soil loss from wind and water erosion. Responsible for designing farm management plans, including wind and water erosion. Responsible for designing farm management plans, including crop and pasture rotation programs, water conservation improvements for farm productions, and wildlife habitat enhancement. Performed soil compaction testing and construction oversight on five different watershed flood protection dams in four different counties.

SELECTED PUBLICATIONS AND WORKSHOPS

Chenoweth, D.R. "Industrial Development with a Conscientious Effort to Control Erosion." Proceedings of Conference XV International Erosion Control Association, Inc.

Chenoweth, D.R. "Designing an Effective Native Seed Mixture." Colorado Green-Associated Landscape Contractors of Colorado, Inc., Spring 1986, Vol. 2, No. 1.

Chenoweth, D.R. "New Reclamation Technology From a Contractor's Point of View: What Works, What's Questionable." Fifth Billings Symposium on Disturbed Land Rehabilitation, 1990, Vol. 2.

"Beyond Jute, Hay Bales, and Rip-Rap." Team instructor for Mountain States Chapter of the International Erosion Control Association, first training workshop on erosion control technologies, Denver, Colorado.

Chenoweth, D.R. "Adapting Technology and Confronting Logistical Problems on Linear Restoration Projects." Proceeding of Conference 28 International Erosion Control Association, Nashville, Tennessee.

Chenoweth, D.R., M. Clelland, and G. Datka. 2003. "Straw Mulch Certification Myths, Production, Delivery and Storage Challenges for Fire Restoration Projects."

Post-Fire Rehabilitation Treatments Conference and Expo. Mountain States Chapter of the International Erosion Control Association, Denver, Colorado.

Chenoweth, D.R. "The Art and Science of Revegetation at Castle Pines." *Colorado Green Magazine*, summer 2004, Vol. 20, No. 3.

Chenoweth, D.R., D. Holland, G. Jacob, L. Kruckenberg, J. Rizza, and B. Whiteley. "Economic Benefits of Completing Reclamation Successfully the First Time for Oil and Gas Sites." Proceeding of Conference 41st International Erosion Control Association, Dallas, Texas.

PROFESSIONAL AFFILIATIONS

- High Altitude Revegetation
- Soil Conservation Society of America
- American Society of Mining Reclamation
- Associated Landscape Contractors of Colorado
- Colorado Contractors Association
- International Erosion Control Association
- Mountain States Chapter-International Erosion Control Association, Treasurer
- Range Management Society of America

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ELIZABETH A. CHENOWETH

Corporate Vice President Western States Reclamation, Inc. Frederick, Colorado

EDUCATION

B.A., Business Administration Fort Hays State University, Hays, Kansas

Business Administration Metro State College, Denver, Colorado

EXPERIENCE

- 36 years of overall experience
- 30 years of management experience
- 6 years of mining industry work
- 30 years of experience with Davis Bacon payroll, government reporting, affirmative action program
- 30 years as a corporate EEO Officer

EMPLOYMENT

Vice President

Western States Reclamation, Inc., Frederick, Colorado

Responsibilities include general management of administrative employee staff. This includes hiring, supervision, and project management. Coordinate all bank loans, insurance, and bonding requirements. Oversee all payroll, accounting functions, purchases, and bidding. Process monthly cash flows and financial statements. Coordinate on a regular basis with company's loan officer and accountant. Review newly awarded contracts with company estimator and process performance and payment bonds and change orders. Interface between estimator and foremen to ensure projects are properly executed while maintaining cost controls. Attend pre-construction meetings to display company's methodology in approaching projects, and receive feedback from project engineers. Evaluate the need for rental or purchase of machinery to maintain field operation.

Senior Management Administrative Assistant

Atlantic Richfield Company/Anaconda Minerals Company, Denver, Colorado

Assisted in the preparation of reports for senior management, including marketability of mineral reserves, reclaim ability of mined areas, operational requirements, and budgeting needs for new mining acquisitions. This involved working closely with the Manager of Business Opportunity Development and all levels of management.

PROFESSIONAL AFFILIATIONS

- Associated Landscape Contractors of Colorado
- International Erosion Control Association
- High Altitude Revegetation

WESTERN STATES RECLAMATION



1979-1984

1983-Present

COLBY REID

Reclamation Division Manager

Western States Reclamation, Inc.

EDUCATION

B.S., Environmental Restoration and Waste Management , minor in Geology Mesa State College, Grand Junction, Colorado

CERTIFICATIONS

- Trench shoring
- CPR
- Visible Emissions Evaluator
- OSHA 40 hour training for hazardous waste sites
- MSHA 40 hour training
- Certified pesticide applicator in Colorado
- CDOT Erosion Control Supervisor

EXPERIENCE

- 16 years of reclamation work with Western States Reclamation, Inc.
- 2 years of environmental mine project with Atlantic Richfield Company/West Elk Mine
- 5 years self-employed custom farming

SPECIALTIES

- Aerial mulching
- Pipeline restoration
- Management of large, fast-tracked projects

EMPLOYMENT

Reclamation Manager

Western States Reclamation, Inc., Frederick, Colorado

Responsible for overseeing and executing reclamation bids and projects in a timely manner while maintaining budget control. Manage and coordinate employees in large and small reclamation and erosion control projects. Projects include erosion control, wetlands plantings, native seeding, mulching, and landscaping.

Superintendent

Western States Reclamation, Inc., Frederick, Colorado

Responsible for executing reclamation projects in a timely manner while maintaining budget control. Manage employees in large and small reclamation projects.

Environmental Project Representative

Atlantic Richfield Company/West Elk Mine, Somerset, Colorado

Responsibilities included developing and implementing state required gas, soil, coal, and water sampling and analysis. Oversight of reclamation and compliance projects on mine site and forest service ground.

Custom Farming

Self-employment, Loma, Colorado

Duties included accounting and all aspects of ground preparation, seeding, and harvesting of crops. Reclamation of drill sites for drilling companies on the Western Slope of Colorado. Wildlife habitat construction for private land owners.

RELEVANT WORK EXPERIENCE

40

Supervision and management on over 22 major pipeline projects crossing five different states.

Recent projects include: ONEOK Douglas and Niobrara Laterals in Douglas, WY, Southern Delivery System in Pueblo, CO, Apex Expansion in Salt Lake City, UT, Overland Pipeline in Northwestern Colorado/South Central Wyoming.

2002–Present

1999-2002

1996-1998

1993–1998

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JOE SCHNEIDER

Project Manager/Estimator

Chenoweth & Associates Environmental Consultants, LLC

& Western States Reclamation, Inc.

EDUCATION

M.S., Landscape Architecture Kansas State University, Manhattan, KS

B.S., Landscape Horticulture Colorado State University, Fort Collins, CO

SPECIALTIES

• Project estimation and procurement

Microsoft Project Management

GIS Capabilities

EXPERIENCE

- 6 years of project management and coordination
- 6 years of project estimating and procurement
- 3 years of residential landscape design build

EMPLOYMENT

Project Estimator/Project Manager

Western States Reclamation, Inc., Frederick, Colorado

Responsible for executing reclamation projects in a timely manner while maintaining budget control. Provide costs through the bidding process with potential customers and work to see where costs savings can be achieved. Provide estimates of large- and small-scale environmental reclamation projects to varying industries in the western United States. Estimated items include: erosion control, revegetation, landscape installation, and noxious weed management. Estimates for services provided to a range of customers, including: oil, gas, land development, waste facilities (landfills), mining, and governmental agencies.

Graduate Teaching Assistant

Kansas State University, Manhattan, Kansas

Assisted professors with teaching and evaluating technology labs and planting design courses. Assisted Dr. Tim Keane with surveying and data collection on stream reference reaches in eastern Kansas.

Project Foreman

Teufel Landscape, Seattle, Washington

Managed and installed small design build projects in Seattle and surrounding areas. Projects consisted of highend residential and small commercial projects.

Field Technician

Northern Colorado Water Conservancy District, Berthoud, Colorado

Established, managed, and maintained research projects and equipment across Northern Colorado.

PROFESSIONAL AFFILIATIONS

- Member of American Society of Landscape Architects
- Member of American Water Works Association

Recent projects include: ONEOK Douglas and Niobrara Laterals in Douglas, WY, Southern Delivery System in Pueblo, CO, Apex Expansion in Salt Lake City, UT, Overland Pipeline in Northwestern Colorado/South Central Wyoming.

December 2008–Present

August 2005–December 2007

May 1999–December 2002

January 2003–May 2005

WESTERN STATES RECLAMATION

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CHELSEA DENOBLE

Soil Scientist/Project Manager/Estimator Western States Reclamation, Inc. and Chenoweth & Associates Environmental Consultants, LLC

EDUCATION

B.S., in Soil and Land Management, minor in Water Resources University of Wisconsin, Stevens Point, Wisconsin

EXPERIENCE

- 3 years of reclamation planning and soil interpretation
- 1 year of project management and coordination
- 3 years of project estimating and procurement

CERTIFICATIONS

- MSHA Surface: Coal, Metal, Nonmetal
- Safeland USA
- First Aid, CPR, AED

SPECIALTIES

- Coursework in wetland soils, soil/plant analysis, soil genesis and morphology, soil physics, soil survey interpretation, wetlands ecology, and soil profile description writing
- Field experience in describing, mapping, classifying, and interpreting soils as well as delineating wetlands

EMPLOYMENT

Soil Scientist

Chenoweth and Associates Environmental Consultants, LLC., Frederick, Colorado

Performed soil and vegetation field work including soil interpretation and profile description writing, and assisted with vegetation cover transects and biomass collections. Generated reclamation plans including topsoil handling procedures, revegetation, amendment recommendations, and seed mix creation.

Project Estimator/Project Manager

Western States Reclamation, Inc., Frederick, CO

Responsible for executing reclamation projects in a timely manner while maintaining budget control. Provide costs through the bidding process with potential customers and work to see where costs savings can be achieved. Provide estimates of large- and small-scale environmental reclamation projects to varying industries in the western United States. Estimated items include: erosion control, revegetation, landscape installation, and noxious weed management. Estimates for services provided to a range of customers, including: oil, gas, land development, waste facilities (landfills), mining, and governmental agencies.

ication.

May 2012–Present

May 2012-Present

EDUCATION

B.S., Computer Information System Security Devry University, Denver, Colorado

B.S., Landscape Horticulture Colorado State University, Fort Collins, Colorado

CERTIFICATIONS

- CompTIA A+
- MSHA 40 hour training
- DOT Training

EXPERIENCE

- 6 years of reclamation equipment operation and repair
- 2 years of mining equipment operation

2 years of carpentry

EMPLOYMENT

Equipment Logistics Coordinator

Western States Reclamation, Inc., Frederick, Colorado

Provides oversight, management, and execution of all maintenance and repairs of equipment related to large- and small-scale environmental reclamation projects. Responsible for purchase and sale of equipment for company operations. Manages equipment, parts, and tool inventory related to equipment operations.

Mechanic's Aid

Western States Reclamation, Inc., Frederick, Colorado

Operated a variety of equipment in a safe, efficient manner related to the completion of reclamation projects. Provided vehicle and equipment maintenance and repair.

Coal Mine Equipment Operator

Bowie Resources, Somerset, Colorado

Operated equipment related to mining activities, including setting pillars and building seals and stoppings to provide a safe work environment.

Carpenter

C&M Construction, Paonia, Colorado

Provided customers with quality framing, roofing, and concrete services.

2008-Present

2007-2008

2004-2006

2003-2004



JOSH MILNER

Equipment Logistics Coordinator Western States Reclamation, Inc.

welche d to

CLINTON SNOW Irrigation Superintendent

Western States Reclamation, Inc.

EDUCATION

A.A.S., Agronomy and Spanish Glendale Community College, Glendale, Arizona

SPECIALTIES

- Landscape irrigation installation and maintenance
- United States Air Force training programs

EXPERIENCE

- 6 years as WSRI Landscape and Reclamation Superintendent
- 16 years of golf course and landscape construction and maintenance
- 6 years of working with USAF construction equipment
- 6 years as pavement superintendent

EMPLOYMENT

Irrigation Superintendent

Western States Reclamation, Inc., Frederick, Colorado

Provides irrigation installation on large- and small-scale environmental reclamation and landscaping projects to a variety of customers.

Assistant Superintendent

Niebur Golf, Colorado Springs, Colorado

Assisted in all aspects of golf course construction. Installed irrigation, electrical, pump, and transfer stations to meet specifications. Coordinated and scheduled crews for irrigation and electrical construction.

Pipe Fitter/Equipment Operator

American Landscape, Inc. Canoga Park, Arizona

Installed and renovated irrigation and drainage systems on golf courses and recreation areas in California, Nevada, and Utah. Operated heavy equipment and coordinated projects to ensure high productivity.

Construction Equipment and Pavement Superintendent

Vinnel-Brown & Root (USAF), Incirlik Air Force Base, Turkey

Supervised, managed, and scheduled support staff on maintaining golf course, air field, roads, and other paved areas. Operated, maintained, and repaired related construction equipment. Recognized for increasing efficiency and performance during contract.

Parks Groundskeeper

Cave Creek Golf Course, Phoenix, Arizona

Constructed and maintained systems and grounds of championship golf course built on an existing landfill.

November 1993-May 2005

December 1999–October 2003

September 1983–April 1991

May 2005-October 2005

May 2006–Present

JUSTIN KEITH

Project Superintendent

Western States Reclamation, Inc.

EDUCATION

B.S., Agriculture, Crop Science Option Fort Hays State University, Hays, Kansas

CERTIFICATIONS

- Qualified Supervisor of Pesticides in Colorado and Wyoming
- Certified Applicator of Pesticides in Kansas

EXPERIENCE

- 6 years of reclamation work with Western States Reclamation, Inc.
- 4 years of agronomist work with Ryan Lawn & Tree

EMPLOYMENT

Project Foreman Western States Reclamation, Inc., Frederick, Colorado

Record information such as personnel, production, and operational data on specified forms and reports. Coordinate work activities with other construction project activities. Train workers in construction methods, operation of equipment, safety procedures, and company policies. Examine and inspect work progress, equipment, and construction sites to verify safety and to ensure that specifications are met.

Agronomist/Route Manager

Ryan Lawn & Tree, Overland Park, Kansas

Schedule work for crews depending on work priorities, crew and equipment availability, and weather conditions. Identify diseases and pests affecting landscaping, and order appropriate treatments. Plant and maintain vegetation through activities such as mulching, fertilizing, watering, mowing, and pruning. Prepare services estimates based on labor, material, and machine costs, and maintain budgets for individual projects. Direct or perform mixing and application of fertilizers, insecticides, herbicides, and fungicides. Negotiate with customers regarding fees for landscaping, lawn service, or groundskeeping work.

Recent projects include: ONEOK Douglas and Niobrara Laterals in Douglas, WY, Southern Delivery System in Pueblo, CO, Apex Expansion in Salt Lake City, UT, Overland Pipeline in Northwestern Colorado/South Central Wyoming.

2009–Present

2005-2009



AARON BRACK

General Superintendent

Western States Reclamation, Inc.

EDUCATION

A.A.S., Crop and Animal Science Dale Carnegie Management Training

SPECIALTIES

- Class A CDL license: N (Liquid/cargo tank) and T (doubles/triples)
- Qualified Supervisor of Pesticides in Colorado
- Advanced welding skills
- Operational/mechanical knowledge of T-300 roll-back and 35-ton heavy wreckers
- Extensive knowledge of most makes and models of common farm and construction equipment, semi-trucks, and trailers

EMPLOYMENT

General Superintendent

Western States Reclamation, Inc., Frederick, Colorado

Train workers in construction methods, operation of equipment, safety procedures, and company polices. Coordinate work activities with other construction project activities. Record information such as personnel, production, and operational data on specific forms and reports. Examine and inspect work progress, equipment, and construction sites to verify safety and ensure that specifications are met.

General Manager

Elite Field Services, Grand Junction, CO

Managed and maintained operations in North Dakota, Texas, and Colorado. Managed office and field personnel, bid work, and reviewed completed work. Managed customer and vendor relationships.

Part Time Operator

M&H Towing, Montrose, CO

Operated and maintained tow trucks, both roll-back and heavy wrecker, on a variety of calls.

Farming

Brack Cattle, Olathe, CO

Managed and maintained 500+ acres of crops (plow through harvest), up to 300 head of cattle, and a small feedlot. Operated and maintained truck fleet and managed trucking operations as needed.

2008-2013

2001-2012

2009-2013

TYLER AMEN

Reclamation Superintendent

Western States Reclamation, Inc.

EDUCATION

B.S., Construction Management Colorado State University, Fort Collins, CO

SPECIALTIES

- Class A CDL license
- OSHA training
- CPR-certified
- TransCanada safety and environmental training
- El Paso safety and environmental training

EXPERIENCE

- 3 years of major pipeline construction, focused on reclamation
- 5 years of residential contractor experience
- 15 years of livestock breeding

EMPLOYMENT

Reclamation Superintendent

Western States Reclamation, Inc., Frederick, Colorado

Record information such as personnel, production, and operational data on specific forms and reports. Coordinate work activities with other construction project activities. Train workers in construction methods, operation of equipment, safety procedures, and company policies. Examine and inspect work progress, equipment, and construction sites to verify safety and ensure that specifications are met.

Foreman

Arnold's Custom Seeding, Keenesburg, CO

Experience in operating and transporting heavy machinery, managing reclamation operations, performing mechanical tasks, quantity take-offs, job safety analysis reports, and daily progress reports.

Project Management Intern/Laborer

The Neenen Company, Fort Collins, CO

Managed commercial buildings ranging from \$1 to \$40 million, including: schools, hospitals, residential lofts, office buildings, resorts, and production shops. Experience in quantity take-offs, scheduling, RFP contracts, purchase orders, tracking, and data reports.

Owner

Amen Construction, Fort Collins, CO

Farmer

Amen Family Livestock, Fort Morgan CO

2009-2010

WESTERN STATES RECLAMATION



2013-Present

2010-2013

SAFETY DATA

At WSRI, every member of our team plays a vital role in our commitment to safety. Our superintendents, foremen, and associate foremen all have a vital role in the welfare of our most valuable asset: our people.

To that end, WSRI has implemented a progressive safety action plan that keeps the safe and careful operation of equipment top of mind. Our crew members routinely attend safety training at the beginning of each and every job.

Our supervisors hold daily crew meetings to discuss on-site safety hazards, issues, and concerns, which are followed up by weekly toolbox safety meetings to reinforce safety procedures and address any questions or concerns employees may have. Supervisors also meet weekly with the owner to re-cap any issues and discuss any new safety items. We have put together a comprehensive safety manual that is to be followed by all employees and is available upon request.

All rules of common sense and good construction practice are followed to attain and maintain safe working conditions, and to provide the best service possible to our clients.

> We participate in ISNetworld, DISA (drug testing), BROWZ, and other safety programs.

SAFETY DATA





WESTERN STATES RECLAMATION

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ENDATIO RECOMN TERS



September 13, 2011

Western States Reclamation, Inc. 3756 Imperial Street Fredrick, CO 80516 303-833-4447

RE: Reference Letter

Ecological Resource Consultants, Inc. (ERC) is pleased to provide this reference letter on behalf of Western States Reclamation, Inc (WSRI). ERC is a Colorado based consulting firm specializing in design-build implementation of ecological restoration projects.

ERC has employed the services of WSRI as part of our design-build services for all of our restoration. Specifically, since 2003, WSRI has provided native plant installation, seeding, soil preparation and amendments and erosion and sediment control on large scale restoration projects that include the Eagle River for the Town of Minturn, City of Fort Collins Natural Areas Restoration as well as for numerous smaller scale projects.

WSRI has always been responsive, reliable, efficient and cost effective for work completed for ERC while also taking special precautions for work around sensitive environments. ERC recommends WSRI for any such reclamation projects and will continue to employee their services as part of our future projects.

If you have any questions please feel free to contact me.

Best Regards,

Ecological Resource Consultants, Inc.

and. Black

David J. Blauch, Vice President, Senior Ecologist

ENGINEERING Stormwater



September 14, 2011

Western States Reclamation, Inc. 3756 Imperial Street Frederick, CO 80516

RE: Fountain Creek Restoration at Gold Hill Mesa (Phase B) Colorado Springs, Colorado.

Mr. Schneider,

This letter is in response to the period of performance of Western States Reclamation, Inc. during the Fountain Creek Restoration at Gold Hill Mesa (Phase B).

Western States Reclamation, Inc exhibited a high level of knowledge and scheduling accomplishments, which resulted in meeting all the obligations of the project contract documents on time and on budget.

The restoration of riparian enhancements in Fountain Creek was easily followed by the detailed asbuilt information Western States was required to complete.

In the future, I would appreciate the opportunity to work with Western States Reclamation, Inc.

Please contact me at telephone number (719) 385-5583 with questions.

Sincerely, de Thomas R. Repp, P.E.

Stormwater/Environmental Project Engineer

Stormwater, 30 South Nevada Avenue, Suite 502 • TEL 719-385-5980 FAX 719-385-5095 Mailing Address: Post Office Box 1575, Mail Code 520 • Colorado Springs, Colorado 80901-1575 www.springsgov.com/stormwater

CASTLE ROCK DEVELOPMENT COMPANY

To Whom It May Concern:

We have worked with landscape contractor, Western States Reclamation, and consultant Dave Chenoweth for the past several years. We have found that both provide excellent quality work and creative solutions for the landscaped areas of our master-planned communities.

Western States Reclamation continues to be a reliable contractor who is responsive to our needs. They have consistently completed jobs on time and within budget. Additionally, they are able to quickly mobilize their crews when necessary and always stand behind their work.

In a consultant role, Mr. Chenoweth provides expert advice and opinions. On several occasions we have asked Mr. Chenoweth to speak to our homeowner associations. In each instance Mr. Chenoweth proved to be an asset to our team, dealing appropriately and effectively with our constituents.

We would not hesitate to recommend Western States Reclamation or Dave Chenoweth for any and all of your landscaping needs.

Sincerely,

m Riley

Development Manager

Edwell

Brian Birdwell Project Manager

3033 East First Avenue + Suite 410 + Denver, Colorado 80206 + Phone 303/394.5500 + Fax 303/394.5508

To Whom It May Concern:

This is a letter of recommendation for Western States Reclamation based on their performance regarding the reclamation work done for Public Service Company, (Xcel Energy) in the Winter Park, Colorado area.

This project consisted of 5.85 miles of 6" steel pipeline through a mountainous area in Grand County, Colorado. The reclamation work was ongoing throughout the pipeline project. The first tasks that were required were the installation of several miles of silt fence and erosion control logs. This was followed by continuous maintenance of the BMP's to keep the project in compliance with our Storm Water permit. Actual reclamation work did not start until mid August when the pipeline was in service. The reclamation work consisted of removal of tree slash, large rocks from the Right Of Way, reseeding of Right Of Way, and using erosion control blanket in specified areas. Western States Reclamation were efficient with the slash and rock removal in spite of steep slopes, long one way haul routes and winter weather conditions. The crew's providing the reseeding and blanket work were also efficient and accomplished their tasks in a timely manner. A lot of the materials needed for the reseeding and blanket work had to be carried into some of the remote areas by hand. The crew's worked tirelessly to complete their work there was no complaining about the required extra effort to get materials into some locations. Overall I was extremely pleased with the professionalism of all of the Western States Reclamation personnel, their organizational skills and their overall attitude for this sometimes harsh working conditions project. I have highly recommended to my superiors that we continue to use Western States Reclamation on our future projects.

David M Ingle Chief Inspector Xcel Energy



P.O. Box 362 • Bozeman, MT 59771-0362 • (406) 586-2969 • FAX (406) 586-3530

November 9, 2011

Colby Reid WSR II, INC. 3756 Imperial Street Frederick, Colorado 80516

Subject: APEX Expansion - Wasatch Loop Restoration

To Whom It May Concern:

WSRII, a subsidiary of Western States Reclamation, provided restoration services on the Kern River Wasatch Loop Pipeline as a subcontractor to Barnard Pipeline in the fall of 2011.

WSRII successfully completed seeding, mulching and installation of erosion control blanket on the 28-mile right-of-way in some of the roughest terrain in the United States. The work was completed on schedule despite numerous weather events that hampered progress.

WSRII proactively addressed issues as they arose while maintaining a good relationship with our management as well as Owner and Agency staff.

I would not hesitate to employ WSRII for restoration work on future projects.

Please feel free to contact me at (406) 586-2969 if you have any questions.

Sincerely, Joe Granquist

Project Manager



November 16, 2011

To Whom It May Concern:

While employed at CH2M HILL as the Environmental and Right of Way Manager for the Energy – Pipelines & Terminals division, I had the opportunity to need to employ a contractor to facilitate the ROW reclamation process on a 152-mile pipeline in northwestern Colorado and southwestern Wyoming. Both the client and I evaluated over 10 different proposals to complete the project. After doing so, it was quite clear that only one company had the knowledge and equipment to complete the project as we had envisioned and that was Western States Reclamation.

During my time on that project, WSR was able to complete the job as proposed and was able to keep the 3 BLM offices happy with their progress and quality of work.

Part of the reason for asking WSR to bid on this project was due to the past success of their work on another 300-mile pipeline project in Montana in the mid 1990's. So it was clear to me that WSR was not a group/company that was only created to take advantage of the recent oil and gas boom in CO and WY. They had been around, knew the issues, and were prepared to tackle the project

Also, while at CH2M HILL, I had the opportunity to work on the environmental permitting portion of the Southern Delivery System and as a result, know the environmental issues well. One of those issues will be the reclamation and revegetation of the ROW and WSR is one of the companies that can help the SDS group with portion of the overall project.

Since then, I have left CH2M HILL and have joined Golder Associates in Lakewood, CO, another engineering/design firm, where I continue to work on pipelines around the western U.S. and Canada. If and when another project area needs to be reclaimed, I would not hesitate to ask WSR to bid on the work, knowing that should they be awarded the project, the work would be done right with a team that would understand the needs and reclamation responsibilities of the client.

Should you have any questions, please feel free to contact me at (303) 987-4427.

Sincerely,

A AMille

Trent A. Miller Senior Project Manager – Natural Resources Technical Lead

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Tel: (303) 980-0540 Fax: (303) 985-2080 www.golder.com Golder Associates: Operations in Africa, Asia, Australasia, Europe, North America and South America

Golder Associates Inc. 44 Union Boulevard, Suite 300 Lakewood, CO 80228 USA

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February 11, 2011

TO WHOM IT MAY CONCERN:

Erickson Air-Crane has worked for Western States Reclamation on numerous state and federal hydro mulch projects using the S-64 helicopter.

Western States is one of only two contractors that Erickson will work with, because their quality and experience level surpasses any of the competition. Their equipment is top-quality. The crews are professional, organized, efficient, and safe.

We highly recommend Western States Reclamation without reservation and look forward to working with them again.

Sincerely.

Jim Anderson Energy Manager

3100 WILLOW SPRINGS ROAD • P.O. BOX 3247 • CENTRAL POINT, OR 97502 • (541) 664-5544 • FAX (541) 664-2312 www.ericksonaircrane.com

ESCO

ESCO ASSOCIATES INC.

P.O. Box 18775 Boulder, CO 80308 (303) 447-2999

5330 Manhattan Circle, Suite G Boulder, CO 80303 FAX (303) 499-4276 email: escassoc@mindspring.com

ATTN: Beverly C. Sechrest **BLM National Business Center** BC663, BLDG 50, DFC P.O. Box 25047 Denver, CO 80225-0047

To Whom It May Concern:

I have worked with David Chenoweth in many capacities since 1980 and my company, ESCO Associates, has work together with Western States Reclamation (WSR) on restoration projects since 1994. During this time we have overseen the work of WSR on two projects that involved aerial application of bonded fiber matrix (BFM). On the Silver Lake Pipeline project, an inaccessible reach of pipeline right-of-way was seeded by hand, then mulched with BFM from a helicopter-borne slurry bucket. This site was located in mountainous terrain at an elevation of about 8500 feet. Forest tree cover on the sides of the pipeline clearing made the operation of the helicopter very difficult. WSR coordinated the loading of the slurry spreader bucket efficiently and kept the rate of progress high. Feedback from the ground crew was effectively conveyed to the pilot to maximize the effectiveness of the BFM mulch application. The results of this task were very good to excellent and vegetation cover has developed better in this area because of the BFM application.

On the South Table Mountain Project for Public Service Company of Colorado (now Excel Energy), a pipeline clearing traversing the steep north-facing side of South Table Mountain was specified to be treated with BFM. This area was inaccessible to truck-mounted hydromulchers and aerial application via helicopter was chosen by WSR. This process proceeded very effectively, and the vegetation cover that resulted was as desired.

Over the years, WSR and David Chenoweth have exhibited strong responsiveness to oversight direction. As president of WSR, David Chenoweth has demonstrated his openness and willingness to be directly involved to insure the best result. Schedules and deadlines have generally had high compliance. WSR has extensive experience in hydromulching, including the delicate application of bonded fiber matrix in which there exists a fine line between too little and too much on the treated surface. I continue to work with WSR and David Chenoweth on a regular basis and would recommend them for a job requiring the implementation of revegetation/restoration specifications.

If you have any questions, please call or otherwise make contact.

Sincerely,

David L. Buckner, Ph.D. Senior Restoration Ecologist, President

WSRI EQUIPMENT LIST

			Tractors	
Unit #	Make	Year	Туре	Model
202	John Deere	1999	4WD Tractor	5400
211	John Deere	2003	4WD Tractor	7510
214	John Deere	2002	4WD Tractor	6420
215	John Deere	2005	4WD Tractor	7820
217	John Deere	2007	4WD Tractor	7830
218	John Deere	2007	4WD Tractor	7830
219	John Deere	2007	4WD Tractor	6420
220	John Deere	2011	4WD Tractor	6430
221	John Deere	2002	4WD Tractor	6420
222	John Deere	2011	4WD Tractor	6430
			Hydro Seeders	
Unit #	Make	Year	Туре	Model
701	Finn	1998	Hydromulch Tank	T120
704	Finn	2000	Hydromulch Tank	T330
706	Finn	2007	Hydromulch Tank	T400
707	Finn	2007	Hydromulch Tank	T400
708	Finn	2007	Hydromulch Tank	T400
709	Finn	2008	Hydromulch Tank	T330
			Hydro Mulch Truck	
Unit #	Make	Year	Туре	Model
1010	Kenworth	1997	T800 Kenworth	HYDROMULCH TRUCK
1012	Oshkosh	1999	Freightliner	HYDROMULCH TRUCK
1013	Volvo	1997	Auto Car	HYDROMULCH TRUCK
1014	Kenworth	2001	T800 Kenworth	HYDROMULCH TRUCK
1015	Kenworth	2003	T800 Kenworth	HYDROMULCH TRUCK
1016	Kenworth	2006	T800 Kenworth	HYDROMULCH TRUCK
1	and the second	and the state	the second second second second second	
in the set		4 Sugar	Heavy Haulers	Contract of the Marine State
Unit #	Make	Year	Туре	Model
1007	International	2000	DuralStar 4300	HAULERS
1008	Kenworth	1996	T800 Kenworth	HAULERS
1009	Kenworth	1997	T800 Kenworth	HAULERS
5098	International	1998	Helicopter Slurry Bucket	HEAVY DUTY TRUCK
L. Marial	1. M. Santas	1.1.1.1	The second se	
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Unit#	Make	Year	Туре	Model
401	Case	1991	1845C	SKID STEER
406	Bob Cat	2005	2205	SKID STEER
407	Dat Oat	0005	0000	OVIDOTEED
	Bob Cat	2005	2200	SKIDSTEER
408	Cat	2005	246B	SKID STEER
408 409	Cat Cat	2005 2006 2006	246B 246B	SKID STEER SKID STEER SKID STEER



			Hay & Straw Mulchers	
Unit #	Make	Year	Туре	Model
74	Finn	1998	Strawblower B-70	BALE-BLOWER
28	Haybuster	2000	Big Bale Buster	BALE-BLOWER
29	Rem	2001	Balemax 3600R	BALE-BLOWER
30	Baleking	2002	4000 bale processor	BALE-BLOWER
32	Rem	2004	Balemax 3600R	BALE-BLOWER
34	Rem	2006	Balemax 3600R	BALE-BLOWER
35	REM	2001	BaleMax 3600R	BALE-BLOWER
36	Haybuster	2011	2100	BALE-BLOWER
			Light Duty Trucks	
Unit #	Make	Year	Туре	Model
501	Toyota	1991	Light Duty Truck	Toyota
512	Chevy	1996	Light Duty Truck	S-10
529	Ford	2000	Light Duty Truck	E350 Van
532	Ford	2001	Light Duty Truck	F150
536	Ford	2002	Light Duty Truck	F350 2x4
540	Ford	2001	Light Duty Truck	F350 Van
541	Ford	2005	Light Duty Truck	F350 4x4
542	Ford	2005	Light Duty Truck	F250 2x4
543	Ford	2005	Light Duty Truck	F350 4x4
544	Ford	2005	Light Duty Truck	F250 4x2
546	Toyota	2006	Light Duty Truck	Tacoma
553	Chevy	2007	Light Duty Truck	GMC 3500
555	Ford	2007	Light Duty Truck	F250 4x4
556	Ford	2007	Light Duty Truck	F250 4x4
557	Dodge	2007	Light Duty Truck	RAM 3500
558	Dodge	2007	Light Duty Truck	RAM 3500
562	Dodge	2008	Light Duty Truck	3500 Dodge
563	Dodge	2008	Light Duty Truck	3500 Dodge
565	Chevy	2008	Light Duty Truck	3500
566	Chevy	2008	Light Duty Truck	3500
567	Chevy	2009	Light Duty Truck	3500
568	Chevy	2010	Light Duty Truck	2500
569	Dodge	2005	Light Duty Truck	1500
570	Dodge	2011	Light Duty Truck	2500
571	Ford	2012	Light Duty Truck	F350
572	Chevy	2012	Light Duty Truck	Silverado 2500



			ATV's and UTV's	
Unit#	Make	Year	Туре	Model
19	Polaris	2005	Ranger 6 Wheeler	ATV/UTV's
10	Polaris	2011	Ranger Crew edition	ATV/UTV's
20	Polaris	2009	Sportsman 500 H.O.	ATV/UTV's
50	Polaris	2011	Razor with Tracks	ATV/UTV's
51	Centaur	2009	Argo Centaur	ATV/UTV's
52	Polaris	2012	Ranger Crew edition	ATV/UTV's
53	Polaris	2011	Razor	ATV/UTV's
			Excavators	
Unit#	Make	Year	Туре	Model
303	Bob Cat	2000	341 Execvator	Min Execavator
304	John Deere	1999	200LC	Trac Hoe
305	Cat	2007	304 C Execvator	Min Execavator
			Dozer & Loaders	
Unit #	Make	Year	Туре	Model
900	JCB	1999	Telehandler	526
906	John Deere	2001	Tela-Handler	3400
2700	John Deere	2007	650 JC	DOZER
		1	Seeders	
Unit #	Make	Year	Туре	Model
6702	Strobel	2002	Seed Drill 8'	SEEDER
6703	Little Sioux Praire	2003	Dew Drop Drill	SEEDER
6704	Haybuster	2006	107 Drill	SEEDER
6705	Haybuster	2006	Rockpicker	ROCK PICKER
6707	Great Plains	2007	Mini Seed Drill	SEEDER
6693	Eagle	2005	4 wheeler pull type spreader	SEEDER
7602	Costco	2005	8' wide	CRIMPER
6186	Strobel	1986	Seed Drill 8'	SEEDER
6286	Strobel	1989	Seed Drill 8'	SEEDER
6391	Truax	1991	No-Til Flex Drill 8' wide	SEEDER
6499	Truax	1999	Flex II Drill 12'	SEEDER
6708	Haybuster	2006	107 Double Box Drill	SEEDER



			Crimpers	
Unit #	Make	Year	Туре	Model
7183	Bowie	1983	8' wide	CRIMPER
7285	Bowie	1992	8' wide	CRIMPER
7286	Bowie	1986	8' wide	CRIMPER
7302	Bowie	2002	8' wide	CRIMPER
7600	Homemade	2004	4wheeler crimper	CRIMPER
7601	Bowie	2008	8' wide	CRIMPER
7603	Wishik	2009	16' Fold out Crimper	CRIMPER
			Trenchers	
Unit #	Make	Year	Туре	Model
605	Tommy	2001	Silt Fence Trencher	Silt Fencer
606	Ditch Witch	2002	Ditch Witch 410SX	TRENCHER
			Rippers	
Unit #	Make	Year	Туре	Model
10194	John Deere	1994	915 Subsoiler/Ripper	TILLAGE IMPLEMENT
10599	John Deere	1999	Fold Out Ripper	TILLAGE IMPLEMENT
4	Brillon	1990	Ripper 8' Wide	TILLAGE IMPLEMENT
5	Brillon	1998	Ripper 9' Wide	TILLAGE IMPLEMENT
6	Brillion	2006	Ripper 12' Wide	TILLAGE IMPLEMENT
8290	John Deere	1988	Ripper 13' Wide	TILLAGE IMPLEMENT
7	Harvester	1988	Ripper 10' Wide	TILLAGE IMPLEMENT
11	Harley Rake	1992	8' Wide	TILLAGE IMPLEMENT
12	Haybuster	2006	10' Wide	TILLAGE IMPLEMENT
16	Unique Rake	1992	8' Wide	TILLAGE IMPLEMENT



			Mowers & Sprayers	
Unit #	Make	Year	Туре	Model
79	Rhino	2006	6' pull mower	MOWER
80	Bush Hog	2008	12' Pull mower	MOWER
8	Bush Hog	2000	Bat Wing	MOWER
100	Shaben	2008	200gal 28 boom	SPRAYER
134	Billy goat	2001	Billy goat	MOWER
135	Billy goat	2001	Billy goat	MOWER
137	Baretto	2001	Baretto walk behind tiller	MOWER
138	Lesco	2002	1009 sprayer	SPRAYER
141	Tanaka	2003	Pole hedge trimmer	MOWER
142	Shindawa	2003	T-270 string trimmer	MOWER
143	Red Max	2003	Hedge trimmer, gas	MOWER
144	Shindawa	2003	T270 string trimmer	MOWER
145	Shindawa	2003	T 270 string trimmer	MOWER
146	Shindawa	2003	T270 string trimmer	MOWER
147	Shindawa	2003	T270 string trimmer	MOWER
148	Shindawa	2003	T270 string trimmer	MOWER
151	Toro	2005	21" mower #22176	MOWER
152	Scag	2005	SW36A-15KA	MOWER
153	Everide	2006	Warrior 60" Riding Mower	MOWER
154	Shindawa	2006	ST261	MOWER
160	Steves new Whacker	2009	String Trimmer	MOWER
155	Outback	2005	Brush Cutter	MOWER
156	Husqvarna	2008	String Trimmer	MOWER
157	Husqvarna	2008	String Trimmer	MOWER



			Trailers	
Unit#	Make	Year	Туре	Model
2002	Aztec	2000	53' Drop Deck Trailer	TRAILER
2004	Trail King	2001	Tag Trailer 24'	TRAILER
2005	Futura Camping	2000	Fiberglass 2600TB	TRAILER
2006	United	2003	Cargo 8.5x16	TRAILER
2007	Temco	1998	Flatbed 16FT	TRAILER
2008	PJ	2003	Flatbed 18FT	TRAILER
2009	PJ	2003	Flatbed 10 ft Ranger	TRAILER
2010	Loadtrail	2003	16ft landscape	TRAILER
2011	Neville built	2006	53' Drop Deck Trailer	TRAILER
2012	Circle D	2006	20' Stock trailer	TRAILER
2013	PJ	2006	14' deck over dump	TRAILER
2015	Atchison	2006	Hay Hauler -10 Bale	TRAILER
2016	PJ	2007	32 foot Goose neck	TRAILER
2019	MIDDOTA	2008	7 ton dump trailer	TRAILER
2020	Carry On Trailers	2008	Trailer Wide Box	TRAILER
2021	Carry On Trailers	2008	Trailer Wide Box	TRAILER
2022	Snake River	2008	18' tilt deck flat	TRAILER
2023	REGA	1985	35' RV Trailer	TRAILER
2024	Trail Seeker	1988	RV Trailer	TRAILER
2025	Trail King	2011	TK70HG	TRAILER
2026	Big Bubba	2011	Trail 7x18	TRAILER
2027	PJ	2012	20' Tilt Deck	TRAILER
9080	Utility	1980	40' Van Trailer REEFER	TRAILER
9193	Superior Pin.	1993	Dovetail Trailer 24'	TRAILER
9281	Horizon	1990	Seed Drill Trailer	TRAILER
9374	Fruehof	1974	28' Van Trailer RED CIRCUS	TRAILER
9394	Superior	1994	16' Trailer	TRAILER
9401	Sport Trail	2000	ATV Trailer	TRAILER
9501	Superior	2001	Maintenance Trailer	TRAILER
9591	Isolair	1991	Landscape Trailer	TRAILER
9792	Wells Cargo	1992	Trailer Wide Box	TRAILER
9799	ATV	1999	Off Road UtilityTrailer	TRAILER
9896	Superior	1997	Irrigation Parts	TRAILER
9919	Superior	1999	Hydrotrailer	TRAILER
9993	Superior	1993	Gooseneck Trailer 24'	TRAILER
2028	PJ	2012	Gooseneck Trailer 30'	TRAILER
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PROFESSIONAL REFERENCES

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Jerry Jacobs, Pioneer Natural Resources (303) 675-2646

Vern Pfannenstiel, Peabody Western Coal Company (928) 677-5129

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