



B&D CONSTRUCTION CO., INC.

STATEMENT OF QUALIFICATIONS



B&D CONSTRUCTION CO., INC.

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STATEMENT OF QUALIFICATIONS

QUALIFICATIONS

B&D Construction Co., Inc. is a Certified Small Business by the State of California and other various entities, specializing in general engineering, demolition, site utilities, and remediation construction. B&D maintains their own equipment including loaders, dozers, excavators, end-dumps, low boys, and 10-wheeler dump trucks, as well as decontamination equipment and a transportable treatment unit for soil stabilization. B&D is also certified to haul hazardous waste. B&D maintains the highest-level safety standards for all personnel from yard/field staff to office administration and management. B&D works with all regulatory agencies, and maintains compliance with OSHA, RWQCB and the California Air Quality Management District (AQMD).

NAICS Codes:

- 238910 Site Preparation Contractors
- 562910 Remediation Services
- 562211 Hazardous Waste Treatment and Disposal
- 238990 All Other Specialty Trade Contractors
- 484230 Specialized Freight (except Used Goods) Trucking, Long-Distance
- 562111 Solid Waste Collection: Waste Hauling Local, Non-Hazardous Soil
- 562112 Hazardous Waste Collection: Waste Hauling, Local, Hazardous
- 237110 Water and Sewer Line and Related Structures Construction
- 237990 Other Heavy and Civil Engineering Construction

CAPABILITIES (partial list):

- Site Utilities: Sewers, Storm Drains, Water Lines, Fire Lines
- Concrete Structures
- Demolition
- Environmental Construction
- Excavating and Grading
- Underground Storage Tank Removal
- Bioremediation, Chemical Fixation & Stabilization
- Bulk Liquids and Solids Transportation Capability
- Industrial Cleaning & Decontamination
- Hazardous Waste Characterization, Profiling, Removal and Disposal
- Drum Profiling / Disposal

B & D CONSTRUCTION STAFF:

- Environmental Field Technicians
- Heavy Equipment Operators
- Construction Managers
- Demolition Experts
- Decontamination Experts
- Pipe Fitters & Layers
- Welders
- Grade Checkers (GPS or Laser)
- Hazardous Waste Specialists
- 40-Hour Trained Hazardous Waste Drivers / Operators / Laborers
- OSHA Certified Personnel



CREDENTIALS - LICENSES, PERMITS & CERTIFICATES (see Attachment A for copies):

State of California Contractors License: A, C21, HAZ
State of Arizona Registrars Contractors License
State of Mississippi Board of Contractors
State of Nevada Contractors License
State of CA Office of Small Business Enterprise SB-PW Certification
Coalition of Southern California Public Agencies Small Business Enterprise Certification
LACMTA Small Business Enterprise Certification
LAUSD Small Business Enterprise
POLB Small Business Enterprise Certificate
Department of Industrial Relations Public Works Registration
State of CA DIR Annual Permit T1-Annual Trench & Excavation
SCAQMD - Permit to Construct – Rule 1166 Various Locations in SCAQMD
DTSC Authorization to Operate TTU – Pugmill Plant
Bay Area AQMD Permit Plant
DMV Motor Carrier Permit
Unified Carrier Registration
DMV International Registration Plan
CARB Truck & Bus Regulation Certificate of Compliance
Motor Carrier Random Drug & Alcohol Testing Program Certificate of Enrollment
DTSC Hazardous Waste Transporter Registration
USA DOT Hazardous Materials Certificate of Registration
State of CA DOT Annual Transportation Permit
LA County DWP Transportation Permit Annual
Department of RR&R Registered Waste Tire Hauler Site
DTSC Environmental Protection Agency ID

INSURANCE:

B&D Construction Co., Inc. maintains comprehensive insurance coverage through carriers with A+ or higher rating for:

Commercial General Liability
Automobile Liability
Excess Liability
Workers Compensation and Employers' Liability
Contractor's Pollution Liability
Bonding Capabilities

SAFETY POLICIES & TRAINING:

B&D is dedicated to the highest-level safety standards for ALL personnel from yard/field staff to office administration and management with health and safety plans and regular "tail gate" safety meetings. B&D maintains/implements various trainings on varied scopes. Our yard/field personnel are trained in accordance with Title 8 of the California Code of Regulations and 29 CFR 1910.120 as well as in accordance with the B&D Construction Co., Inc. Occupational Health & Safety Manual (available on request). Our Hazardous Waste Specialists, including operators, drivers, and management, have attended a 40-hour Credited Haz Mat training with the yearly 8-hour follow-up training, and 8-hour Supervisor Haz Mat Training. Other safety training includes excavation, equipment operation, competent person training, and trench shoring.



B&D CONSTRUCTION CO., INC.

EQUIPMENT LIST

B&D maintains all its own in-house equipment including low boy service...we are ready to move at a moment's notice!



BACKHOES:

- Caterpillar 416B Backhoe
- Caterpillar 430F2HCR Backhoe

BLADES:

- John Deere 772G Motor Grader Blade

COMPACTORS:

- Caterpillar 825C Soil Steel Tire Compactor

CRUSHERS:

- Extec C-12 Jaw Crusher

DOZERS: (GPS)

- Caterpillar D5K2 Dozer
- Caterpillar D8T Dozer

EXCAVATORS: (GPS)

- Caterpillar 308E2 Excavators
- Caterpillar 308E2CRSB Hydraulic Excavator
- Caterpillar 330L LCR Hydraulic Excavator
- Caterpillar 328D LCR Hydraulic Excavator

LOADERS:

- John Deere 210 Skip Loader
- Caterpillar 226 Skid Steer Loader (GPS)
- Caterpillar 289D Compact Track Loader
- John Deere 644K Loader (4WD w/ 4.25 Yard Bucket)
- Caterpillar 963K Crawler Track Loader
- Caterpillar 972M Rubber Tire Loader
- Caterpillar 980F Wheel Loader

SCRAPERS:

- Caterpillar 613CII Scraper
- Caterpillar 623F Wheel Scraper
- Caterpillar 623G Wheel Scraper

RAPIDMIX 600C TRANSPORTABLE TREATMENT UNITS (TTU):

- Soil cement mixing/ Roller Compacted Concrete
- Soil Amendment Mixer
- Hazardous Waste Soil Treatment of Soluble Metals
- TTU permitted by DTSC & SCAQMD/BAAQMD to Treat Hazardous Waste

SCREENS:

- Sandvik QA331 Scalping Screen
- Sandvik QE140 Scalping Screen
- Sandvik QE340 Scalping Screen

STACKERS:

- Anaconda Tracked Stacking Conveyor
- Extec D65 Stacking Conveyor

PLANT:

Reesco Hopper Belt Feeder
Superior 36" x 60' Stackable Conveyor
JM Conveyor 36" x 80' Radial Stacker
Electromagnet & Stand

FORKLIFTS:

Gradall 534C Forklift (10,000 lbs.)
JLG 1255 Forklift (12,000 lbs.)

WATER TRUCKS, WATER TOWERS & TOWABLES:

2K Water Trucks (2,000 gal)
4K Water Trucks (4,000 gal)
5K Water Trucks (5,000 gal)
Water Dog 5x8 Towable Water Buffalo (500 gal)
Utility Ciec 5x8 Towable Water Buffalo w. Pressure Washer (525 gal)
12K Water Towers (12,000 gal)

SEMI TRACTORS:

Peterbilt Super 10 Dump Truck
Peterbilt Tractors



TRAILERS:

Clement End Dump Trailer
Lufkin Trailer
Hansen Low Side End Dump Trailer
Dragon High Side Steel End Dump Trailer
Dragon Low Side Steel End Dump Trailer
Dragon Low Side End Dump 38' Trailer
Vertex End Dump Trailer
EVRLE Electronic End Dump Trailer
Atech Aluminum End Dump Trailer(s)
Cozad 44-Ton 2-Frame 16 Tire Expando Lowbed Trailer

TRUCK & TOOL(S):

2018 Ford F450 Crew Cab VA Crew Truck
2019 Ford F550 Crew Cab VA Crew Truck
2020 Ford Super Duty F-550 DRW Mechanics Truck

PORTABLE GENERATORS:

John Deere 85KW Multiquip Generator
Honda EU7000is Generator
Kubota GL:11000 - 11KW Lowboy II Industrial Diesel Generator

MISC. SMALL TOOLS:

Godwin Pump & Accessories CD80D from Xylem
Lodec 3030 Axel Scales w/ IQ-390 Digital Indicator, Matko 4
MiniRAE 3000 Portable Handheld VOC Monitor Model PGM-7320
Sullair 49HP / 185 / D DPQ / KUT4 Trailer Mounted Air Compressor



B&D CONSTRUCTION CO., INC.

LIST OF CLIENTS (Partial List)

B&D Construction maintains an impressive list of satisfied clients including:

BRUNSWICK CORPORATION
K-MART
UNION PACIFIC RAILROAD
BURLINGTON NORTHERN SANTA FE
WASTE MANAGEMENT, INC.
FORWARD LANDFILL
WHITE MEMORIAL MEDICAL CENTER
THRIFTY RENT-A-CAR
METROLINK
DUNE COMPANY
HARTLEY NIXON RENTALS
AVERY/FASSON
QUEMETCO BATTERY RECYCLING
DIVISION OF THE STATE ARCHITECT
WASTE MANAGEMENT
U.S.A. PETROLEUM
JORCO CHEMICAL COMPANY
ARMED FORCES RESERVE CENTER
CLAYTON ENVIRONMENTAL
TRC SOLUTIONS
KINDER MORGAN ENERGY PARTNERS
BAY APARTMENTS COMMUNITIES
HERITAGE COMMUNITIES
SOUTHERN CALIFORNIA EDISON
CITY OF RIVERSIDE
CITY OF ENCINITAS
BOEING AIRCRAFT

LIST OF GRADING CLIENTS (Partial List)

DEL AMO CONSTRUCTION
B.P. CALIFORNIA
TILT-UP CONSTRUCTION
VAN NUYS AIRPORT INTERNATIONAL CENTER
PARKWEST CONSTRUCTION
PORTER DEVELOPMENT
CO-WELL CONTRACTORS
ALPINE GROUP





CONSTRUCTION LIST OF SERVICES:

B&D Construction Co., Inc. has been providing outstanding service to its clientele for over 45 years and is one of the highest-regarded and fastest-growing companies in the industry. B&D offers a wide range of services from general engineering to demolition and hazardous waste management. Below is a list of a portion of the services B&D provides:



TRANSPORTATION SERVICES

- End-Dump Service (Both Hazardous & Non-Hazardous)
- Drum/Hazardous Materials Profiling and Disposal
- Low Boy Service



TANK SERVICES

- Underground Tank Excavation and Removal (Facility Demolition)
- Tank Washing and Degassing
- Contaminated Soil Profiling and Disposal Assistance



HAZARDOUS WASTE MANAGEMENT SERVICES

- Waste Stream Profiling and Manifesting Assistance
- PCB/Transformer Characterization & TSDF Options

REMEDIATION SERVICES

- Contaminated Soil Excavation (with permits) and Disposal
- Chemical Fixation & Stabilization of Contaminated Soil
- Recycling and Recovery Programs
- Bioremediation Services
- Groundwater/Soil Remediation System Installation
- Transportable Treatment Unit for Onsite Fixation & Stabilization
- Loading & Transporting Contaminated Soil



GRADING SERVICES

- Site grading for:
 - Commercial/Industrials
 - Apartments
 - Public/Private
 - Residential
- Screening & Crushing





B&D CONSTRUCTION CO., INC.

P R O J E C T
E X P E R I E N C E



City of Encinitas

505 S. Vulcan Avenue, Encinitas, CA 92024 (Dublin & San Elijo)

Project Owner's Name: City of Encinitas

Contact Name: Greg Shields, 760-633-2778

Contract Period: 2 Months

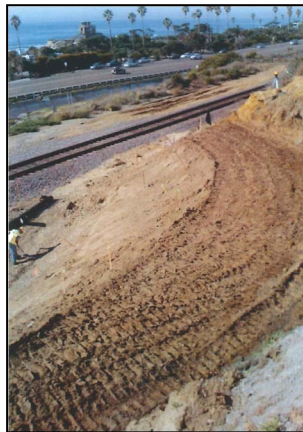
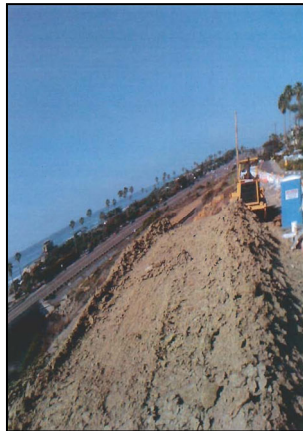
Contract Dollar Amount: \$211,950.00

PROJECT HIGHLIGHTS:

Repaired slope erosion caused by rainfall. Installed drainage pipe and catch basin in slope, curb and gutter, Cal Trans guard rail. Hydro seeded, paved.

SUMMARY:

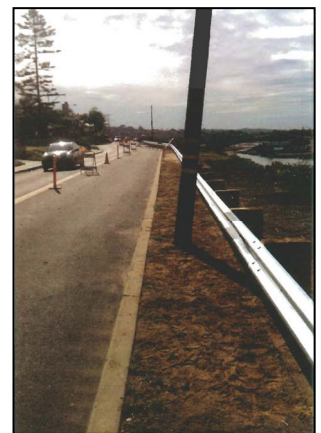
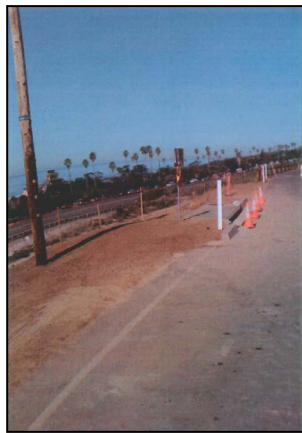
Furnished labor, equipment, and material to repair washed out slope in Encinitas. The job consisted of clearing and grubbing, removing all mud and debris from area where new slope and new drain were to be installed. Upon completion of the clearing and grubbing, installed new outlet structure and began building new slope. As slope was being built upward the installation of the drainage pipe was done in 20-foot sections until we reached finished elevation. Excavated and constructed catch basin for collection of storm water, installed curb and gutter, asphalt berm, repaved street. Also installed approximately 3,000 L.F. of Cal Trans guard rail. Striped street and reopened to the public.





City of Encinitas

505 S. Vulcan Avenue, Encinitas, CA 92024 (Dublin & San Elijo)





City of Encinitas

505 S. Vulcan Avenue, Encinitas, CA 92024 (Cornish & San Elijo)

Project Owner's Name: City of Encinitas

Contact Name: Greg Shields, 760-633-2778

Contract Period: 2 Months

Contract Dollar Amount: \$311,946

PROJECT HIGHLIGHTS:

Repaired slope from rain washout. Installed 18" storm drain line, built three (3) catch basins and headwall for outlet, traffic control. Installed 1,000 feet of curb and gutter, rolled concrete curb. Regarded parkway to work with new curb and gutter, page and striped.

SUMMARY:

Moved in labor, equipment, and material. Set up traffic control using flagman. Repaired existing 8" ACP waterline exposed in storm. Cleaned mud, rock, and debris from temporary slope repair. Built new slope, installed approximately 300 l.f. of 18" HDPE storm drain pipe, built three (3) new catch basins and outlet structures on 18" storm drain line. Made grade for new curb and gutter. Poured new curb and gutter, approximately 1,000 l.f., saw cut and grind street. Make grade, paved and capped. Restriped street, made new parkway, grade to accommodate new curb and gutter, and demobilized.





The Dune Company

6001 Bollinger Canyon Rd., San Ramón, California

Project Owner's Name: Chevron Chemical Company/ Dune Company

Contact Name: Nick Longo, Hart Crowser

Contract Period: 2 Months

Contract Dollar Amount: \$2,483,543.00

Transportation and Disposal Dollar Amount: \$1,100,000.00

PROJECT HIGHLIGHTS:



- Level "C" Personal Protective Equipment Project
- Build decon pad for all trucks and personnel decon station
- Severe heat conditions
- Removed and reinstalled the railroad spur line
- Removed concrete and asphalt
- Excavated contaminated soil down to ground water/clean soil
- Bridged groundwater areas
- Backfilled, reggraded, and paved and re-landscaped

SUMMARY:

Remediation of a former fertilizer company sold to a private party in Imperial County. B&D removed and reinstalled a railroad spur line onsite and removed the concrete and asphalt. B&D excavated contaminated soil down to ground water or clean soil. All contaminated soil was stabilized, loaded, and transported to the appropriate landfill. Ground water areas were bridged requiring 5,000 sq. ft. of geotextile fabric. Areas were then backfilled, regraded, and paved. Re-landscaping was completed subsequent to final grade completion at the site.

Due to the elevated concentration of contaminants, the work required Level "C" personal protection equipment (PPE – air purifying full-face respirators, inner and outer barrier chemical resistant clothing, and goggle/face shield). B&D constructed decontamination pads for trucks as well as a full personnel decontamination station for all personnel exiting the work area. Because of severe heat, personnel were continuously monitored for signs of heat stress and other heat related illnesses and rotated out of the work area as required to ensure personnel safety.

Even though this job was 50% over the estimated project tonnage, B&D completed this project only one day over schedule.





Pasminco Company

223rd and Western, Torrance, California

Project Owner's Name: Pasminco Company

Contact Name: Vince Bartleman, U.S. Ecology

Contract Period: 9 Months

Contract Dollar Amount: \$859,000

PROJECT HIGHLIGHTS:

- Several delays due to weather
- Erosion control & water control
- Haul roads construction
- Imported over 100,000 cubic yards of clean soil for backfill
- Rough grade and compaction of project site

SUMMARY:

The 10-acre project site was previously remediated by others and left with craters and a pervasive undulating surface, up to 10 feet variations. B&D constructed all haul roads and imported over 100,000 cubic yards of clean soil for backfill. B&D rough graded and compacted the site to fill in craters and undulations. Subsequent to the rough grade, B&D imported additional backfill and re-compacted to a new design grade and elevation.

The backfill and regrade of the site was completed during an El Nino year that caused rain delays due to the inclement weather. Throughout the inclement weather events, B&D continuously implemented SWPPP BMPs, managed stormwater and erosion control measures to ensure regulatory compliance and protect the site from serious stormwater damage.





RSR Quemetco

720 S. 7th Street, City of Industry, California

Project Owner's Name:

Contact Name: Vince Bartleman, U.S. Ecology

Contract Period: 17 Months (3 Phases)

Contract Dollar Amount: \$5,400,000.00

Transportation and Disposal Dollar Amount: \$3,200,000.00

PROJECT HIGHLIGHTS:

Majority of the work was completed at night (4:00P - 12:00A)

Removed 55,000 sq. ft. of concrete

Installed 10,000 sq. ft. of shoring

Replaced 42,000 Sq. Ft. of 6" reinforced concrete

Excavated and loaded 25,500 tons of contaminated soil

Removed & replaced a 160,000-pound sump

Level "C" PPE project with additional special safety requirements

SUMMARY:

This project was done in three phases. B&D removed 55,000 sq. ft. of concrete and excavated 25,500 tons of contaminated soil underneath. The contaminated soil was stabilized, loaded, and transported to the appropriate landfill. B&D replaced 42,000 sq. ft. of 6" reinforced concrete and installed 10,000 sq. ft. of shoring. B&D also removed and replaced a 160,000-pound sump at this site.

This was a tough, Level "C" job requiring the setup of decontamination areas for all personnel. The majority of the work was performed at night between the hours of 4:00 p.m. to 12:00 a.m. This job was performed during the rainy season requiring water and erosion control. The entire work area (including loading and transportation areas) required daily decontamination and work areas were covered in plastic during off hours.





Boeing Aircraft - Operation "Sea Launch"

Long Beach, California

Project Owner's Name: Boeing Aircraft

Contact Name: Jeff Bennett, Clayton Environmental Services 714-587-2152

Contract Period: 19 Months

Contract Dollar Amount: \$542,000

PROJECT HIGHLIGHTS:

- Demo existing buildings and parking lots
- Excavate contaminated soil
- Coordinate with other General Contractor' schedules & logistics
- Excavate for underground tanks
- Special trenching & shoring

SUMMARY:

Boeing Aircraft acquired a piece of land in Long Beach known as "The Mole." This land included several buildings and parking lots. B&D was contracted for the demolition of unwanted buildings and concreted areas in order for Boeing to build new facilities for Operation "Sea Launch." This required breaking/sizing and removal of asphalt and concrete, and the excavation of the underlying contaminated soil. Contaminated soil was stabilized, loaded, and transported to the appropriate landfill. B&D excavated all utility trenches for various trade access; plumbers, electricians, fire lines, etcetera. Excavated areas were lined with plastic, pipes were shaded, and all excavated areas were backfilled and compacted. B&D completed fine grade across the site for new asphalt and concrete paving.

Special shoring was constructed around buildings for installation of transformer vaults. B&D also excavated inside of existing buildings and excavated several locations for underground storage tank installation. This was seamlessly coordinated with several General Contractors' schedules and completed on budget and on time.



Bay Apartment Community

4340 Stevens Creek Blvd., Ste. 275, San Jose, California

Project Owner's Name: Bay Apartment Community

Contact Name: Brad Bonner, Forward Landfill

Contract Period: 25 Days

Contract Dollar Amount: \$930,600

Transportation and Disposal Dollar Amount: \$360,000

PROJECT HIGHLIGHTS:

Onsite within three days

Compressed project schedule

Screen, Stabilized, Loaded, and transported 12,000 tons

SUMMARY:

This project needed to be completed in a very short time frame. B&D quickly obtained a site-specific permit from the DTSC to use its Transportable Treatment Unit (TTU) and was onsite within three days. Approximately 12,000 tons of soil was segregated into 200-cubic yard stockpiles, screened, and processed using a chemical reagent based on a bench scale recipe. The treated soil was sampled to confirm treatment of soluble heavy metal below EPA regulatory levels.

Confirmed treated and stabilized soil was loaded and transported to the appropriate disposal facility. With a quick mobilization at the site, the remediation was completed on budget and on time.



Union Pacific Railroad

3675 Western Pacific Ave., Sacramento, California

Project Owner's Name: Union Pacific Railroad

Contact Name: Anne Olson, Dames & Moore

Contract Period: 8 Months

Contract Dollar Amount: \$363,000.00

PROJECT HIGHLIGHTS:

- Very safety-oriented and demanding client
- Excavated 30,000 yards of contaminated soil
- Breaking and removal reinforced concrete footings
- Demolition of asphalt and concrete on surface
- Excavation and cutting slopes

SUMMARY:

B&D completed the demolition of all surface asphalt and concrete, as well as breaking and sizing of large reinforced concrete footings for removal from the project site. B&D excavated 30,000 cubic yards of contaminated soil of which approximately 1,600 tons was contaminated with soluble metals that were chemically fixated and stabilized onsite. B&D loaded stabilized soil into railroad cars for export to landfill using on-board motion scales on its front-end loaders.

B&D then removed asphalt, contaminated soil, and footings, and completed finish grade on all slopes and bottom of excavation to a design elevation. B&D was also responsible for land surveying and layout of this site.



Heritage Communities

6902 Ellis, Huntington Beach, California

Project Owner's Name: Heritage Communities

Contact Name: Rob Heller, 714-322-3322

Contract Period: 5 Weeks

Contract Dollar Amount: \$530,000

Transportation and Disposal Dollar Amount: \$300,000

PROJECT HIGHLIGHTS

Demolition of Fixed Structures

Grub and clear the site of all above ground material

Remediation of Oil Sumps from Oil Production

Excavated 16,000 cubic yards of clean over burden and hazardous waste

Stockpiled, loaded, and transported all waste to landfill

Imported clean soil for future grading and stockpiling

SUMMARY:

This site contained oil production sumps and other oil field contamination wastes. B&D was contracted for the demolition of existing facilities and excavated 16,000 cubic yards of clean overburden and hazardous materials at the property line with Goldenwest St. and Ellis Avenue to verified clean bottom. Excavation along Goldenwest St. was accomplished by slot cut excavation.

Excavated soil was then stockpiled, loaded, and transported to the appropriate landfill. Subsequent to final remediation of the oil field waste, B&D imported clean backfill, and rough graded the site.



Union Pacific Railroad

1776 Middle Harbor Rd., Oakland, California

Projects Owner's Name: Union Pacific Railroad

Contact Name: Brad Bonner, Forward Landfill

Contract Period: 5 Days

Contract Dollar Amount: \$207,465.00

Transportation and Disposal Dollar Amount: \$104,000.00

Project Highlights:

Compressed project schedule. Over Christmas break
Chemical stabilization & Fixation of soluble heavy metals
Transportation and Disposal

Summary:

This project schedule was compressed and contracted to be completed over Christmas break, 5 days. B & D quickly obtained a site-specific permit from the DTSC to use its Transportable Treatment Unit (TTU). Approximately 2,600 tons of soil was screened and processed using a chemical reagent based on a bench scale recipe. The treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels, Confirmed treated soil was loaded and transported to the appropriate disposal facility. With expedited permitting and quick mobilization to the project site, the remediation was completed on time.



UMETCO

Owens Dry Lake, California

Project Owner's Name: Union Carbide

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 14 Months

Contract Dollar Amount: \$17,324,000.00 Million

Transportation and Disposal Dollar Amount: \$13,289,000.00

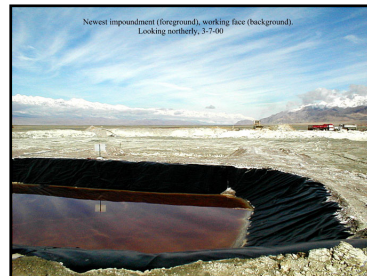
PROJECT HIGHLIGHTS:

- Community Participation
- Haul Road Construction
- Excavation and Breaking/sizing
- Installation of Trenching System for Dewatering
- Construction of 2 evaporation ponds, Decommissioning of one pond
- Loading of Waste Material
- Rough Grade to Original Site Contours

SUMMARY:

B&D contracted to excavate approximately 260,000 tons of stockpiled mining waste generated during mining operations at the Big Pine Mine near Bishop, California. The waste material was transported in heated tanker trucks and discharged as sodium sulfate brine water which crystallized upon cooling. The project site encompassed about 10 acres on Owens Dry Lake near Keeler, California. The waste was stored above grade and contained by earthen berms. Prior to loading, the crystallized salt was sized using a breaker and stockpiled for loading into transport trucks. B&D loaded an average of 65 end-dump trucks per day and maintained excavation, breaking and stockpiling operations to maintain the transport schedule. During excavation activities B&D constructed a series of dewatering trenches and installed 2 evaporation ponds to store groundwater pumped from the trench system. Following excavation and transport of waste material, B&D rough graded the site to the original natural contours using native alluvial material from a local borrow source.

The project is located adjacent to an environmentally sensitive area, the Owens Dry Lake, and near the town of Keeler. B&D maintained dust suppression activities throughout excavation activities. B&D was instrumental in developing community involvement through an employment and training program. B&D employed and trained five town residents that contributed to the success of this project.





Kern Oil Refinery
Kern County, California

Project Owner's Name: Kern Oil Refinery
Contact Name: Randy Smith, 661-201-4280
Contract Period: 5 days
Contract Dollar Amount: \$378,000.00
Transportation and Disposal Dollar Amount: \$250,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Excavation, Screening and Stockpile Management
- Chemical Treatment of Heavy Metals
- Treated Soil Loading

SUMMARY:

B & D chemically treated approximately 3,335 tons of heavy metals contaminated soil from refinery operations at the Kern Oil Refinery. B & D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to break down tar ball concretions. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility.

The project was fast tracked to clean the contaminated area for other refinery operation activities. B & D completed the remediation within the project schedule.



Southern California Edison, Ormond Generating Station
Oxnard, California

Project Owner's Name: Southern California Edison
Contact Name: Mark Barrett, SCE, 310-223-1901
Performance Period: 9 days
Contract Dollar Amount: \$100,000.00
Transportation and Disposal Dollar Amount: \$700,000.00

PROJECT HIGHLIGHTS:

Excavation and Segregation of Soil and Stockpile Management
Loading of Contaminated Soil Contaminated with hydrocarbons

SUMMARY:

B&D excavated approximately 19,500 tons of clean overburden and contaminated soil from a former tank farm located adjacent to the Ormond Generating Station. Clean overburden was excavated and segregated for backfill following mitigation of contamination from the site. Approximately 25,000 tons of contaminated soil was managed in stockpile, loaded into transport trucks, and disposed as non-hazardous waste soil at the appropriate disposal facility.

The project was completed to allow title transfer of property through escrow. The project was required due to Edison retaining the liability of contamination on tank farms after its sale of its generating stations. The project schedule was arranged to allow grading 15 days after B & D's notice to proceed. B&D completed this project on schedule and grading commenced on the scheduled start date.





Tucalota Hills Association

Temecula, California

Project Owner's Name: Tucalota Hills Association

Contact Name: Rob Heller, Waste Management, 714-71-5554

Performance Period: 22 days

Contract Dollar Amount: \$2.83 million

Transportation and Disposal Dollar Amount: \$560,000

PROJECT HIGHLIGHTS:

- Grading/Excavation of Unsuitable Soil and Stockpile Management
- Screening Operations to Size Material for Disposal Characterization
- Loading screened material for off-site transportation and disposal

SUMMARY:

B&D excavated approximately 105,000 tons of unsuitable soil and debris from a former waste transfer site. The project site covered approximately 45 acres. B&D utilized scrapers to remove in-site material and transfer material to a screening operation for sizing. The screening operation removed oversized debris for landfill versus soil disposal as alternate daily cover. The screening operation saved the owner a minimum of \$150,000. B&D loaded the processed material into end dump trucks for off-site transportation and disposal.

The project was completed to allow construction development. The unsuitable material required removal to allow a suitable sub-base for housing pad construction. B&D successfully mitigated all unsuitable soil from the project site within the project schedule.





Southern California Edison, Mandalay Generating Station

Oxnard, California

Project Owner's Name: Southern California Edison

Contact Name: Mark Bennett, SCE, 310-223-1901

Performance Period: 15 days

Contract Dollar Amount: \$1,050,000.00

Transportation and Disposal Dollar Amount: \$875,000.00

PROJECT HIGHLIGHTS:

Excavation and Segregation of Hydrocarbon

Soil and Stockpile Management

Loading of Hydrocarbon Contaminated Soil

SUMMARY:

B&D excavated approximately 25,000 tons of containment berm cap and contaminated soil from a tank secondary containment structure located adjacent to the Mandalay Generating Station. B&D managed the contaminated soil volume in stockpiles, loaded the contaminated soil into transport trucks, and disposed as non-hazardous waste soil at the appropriate disposal facility. The berm contained two areas contaminated with PCBs and required segregation during excavation for hazardous waste disposal at the appropriate disposal facility. Excavation activities were conducted in areas with active water and electrical lines. All lines were protected and undamaged during excavation activities.

The project was completed to allow title transfer of the property through escrow. Edison retaining the liability of contamination on the tank farms after its sale of its generating stations. The project schedule compressed B&D's project work schedule to allow site grading 15 days after B&D's notice to proceed. B&D completed this project on schedule and grading commenced as scheduled.



Los Angeles Unified School District (Little Lake City School District)
 Jersey Elementary School, Santa Fe Springs, California

Project Owner's Name: Little Lake City School District

Contact Name: Rob Heller, Waste Management, 714-771-5554

Performance Period: July to August 2002

Contract Dollar Amount: \$1,243,000.00

Transportation and Disposal Dollar Amount: \$774,000.00

PROJECT HIGHLIGHTS:

- Setup of Security Fencing and Wind Screening
- Excavation and Segregation of Soil and Stockpile Management
- Loading of Soil Contaminated with Heavy Metals and Hydrocarbons
- Backfill and Compaction of Excavated Area to Rough Grade
- Compressed and Coordinate Project Schedule

SUMMARY:

B&D excavated approximately 23,000 tons of clean overburden and contaminated soil from a playground on the Jersey Elementary School site during the district's summer break. Approximately 5,000 tons of clean overburden was excavated and segregated for backfill following mitigation of contamination from the site. Prior to excavation activities, B&D installed perimeter fencing and wind screening at the site. In addition, the school building's windows, doors, and venting/ducting was covered with plastic and maintained for the duration of the project to ensure dust mitigation. During excavation activities the DTSC required additional excavation of contamination that extended laterally outside the project boundaries. This excavation was conducted around live electrical and water lines and building footings. Excavation activities in these areas were completed by hand without disruption of any services on these lines and without building foundation damage. Approximately 18,000 tons of contaminated soil was managed in stockpile and disposed as non-hazardous or non-RCRA at the appropriate disposal facility. Following remediation of contamination, suitable backfill material was imported to the project site and placed and compacted to rough grade.

The project was part of the ongoing remediation of contamination at LAUSD school sites, funded under an Emergency Resolution with DTSC oversight. The project was fast tracked to allow completion of the remedial activities during the school's summer break. B&D completed the remediation on schedule, and the school opened on schedule.





BP California

San Bernardino, California

Project Owner's Name: BP California

Contact Name & Phone No: Margaret McAustin, 626-584-1055

Performance Period: November 2002 to March 2003

Contract Dollar Amount: \$2,100,000.00

Transportation and Disposal Dollar Amount: \$900,000.00

PROJECT HIGHLIGHTS:

- Landfill Excavation Permit Procurement
- Excavation, Screening, Crushing Operation
- Loading, Transportation of Contaminated Material
- Geotextile Liner Installation, Backfill, Compaction and Final Grade

SUMMARY:

B&D contracted to excavate approximately 110,000 cubic yards of landfill debris from a former landfill located in San Bernardino County. The landfill closed in the early 1950's and consists of mostly inert debris. Responsibilities included physical separation of outsized debris for re-engineered backfill or segregation for off-site transport and disposal. Outsized debris meeting reuse criteria was crushed for backfill and compaction. Contaminated material was placed in bermed areas, covered, and maintained until transported offsite. The project site was excavated to the underlying bedrock and backfilled to final grade using off-site and re-engineered on-site material. B&D completed final grade to County approved grading specifications that included construction of a sediment retention pond. B&D managed over 300,000 cubic yards of waste and material within the 9.5-acre project area.

The project is located adjacent to an environmentally sensitive area, the Santa Ana River, and the project's northern boundary was subject to a 100-foot setback. B&D installed a geotextile liner on the excavated setback boundary slope. B&D completed all permitting with the County of San Bernardino, the Regional Water Quality Control Board, and the South Coast Air Quality Management District.



Los Angeles Department of Water and Power
Sylmar, California

Project Owner's Name: LADWP

Contact Name & Phone No: Rob Heller, Waste Management, 714-771-5554

Performance Period: August 2002 (9 Days)

Contract Dollar Amount: \$1,253,000.00

Transportation and Disposal Dollar Amount: \$920,000.00

PROJECT HIGHLIGHTS:

- Excavation and loading of arsenic contaminated filtration pond solids
- Construction of haul roads to loading areas
- Strict control of excavation depth
- Management and supervision of 125 end dump trucks per day

SUMMARY:

B&D excavated approximately 22,000 tons of Non-RCRA contaminated filtration solids from 3 filtration ponds on the Sylmar Aqua Duct Filtration Plant. The excavated material was loaded into end dump truck trailers for off-site transportation and disposal. Filtration pond solids required additional on-site management to prevent free liquid manifestation during transportation. B&D managed transportation truck traffic across the property with single lane ingress and egress sections on the on-site haul route.

The filtration ponds are underlain by natural clay liners that required careful excavation at depth to ensure the integrity of the liner system was maintained. The project required completion within 9 days. B&D completed the project on schedule. In addition, B&D's effort to prevent free liquid during transport was successful as no loads were rejected at the receiving landfill.



B&D CONSTRUCTION CO., INC.

Boeing Realty Corporation

C-1 Facility, 3855 Lakewood Blvd.
Long Beach, CA 90846

Project Owner's Name: Boeing Realty Corporation

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 90 Days

Contract Dollar Amount: \$2,000,000.00

PROJECT HIGHLIGHTS:

Excavation of Clean Overburden, Excavation of Heavy Metals Contaminated Soil, Contaminated Soil Segregation (loading and drayage), Transportation of Contaminated Soil, Transportation Treatment Unit (TTU) Processing of Heavy Metals Contaminated Soil, Excavate to Ground Water, Rock, Geotextile Liner Installation, and Backfill & Compact.

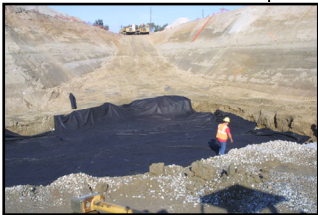
SUMMARY:

B&D contracted with Waste Management and Boeing Air Craft, to excavate approximately 100,000 cubic yards of clean overburden and impacted soil at the Boeing Facility in Long Beach.

The land formerly contained aircraft plating operations & building. B&D's responsibilities included excavation of clean overburden, cut slopes at a 1 ¼ to 1 to a depth of 35 feet below surface grade. Excavate ingress and egress ramps with slopes at 10% grade. All clean overburden removal and slope construction were completed with scrapers and dozers with slope board. B&D performed daily surveying to confirm excavation limits and produced daily as-built drawing.

Other responsibilities were to excavate impacted soil with large excavators, dray soil to segregation area in off-road rock trucks, form 500 cubic yard stockpiles, grid stockpiles for sample collection, stockpile management, and stockpile soil sample collection for laboratory analysis.

Upon completion of excavation to ground water, B&D bridged the bottom of the excavation with rock and install geotextile liner, then completed backfill with approximately 120,000 cubic yards of clean overburden and imported soil.





Boeing Realty Corporation
C-1 Facility, 3855 Lakewood Blvd.
Long Beach, CA 90846





B&D CONSTRUCTION CO., INC.

Boeing Realty Corporation
C-1 Facility, 3855 Lakewood Blvd.
Long Beach, CA 90846





Voit Anaheim Business Park LLC

516 E. Santa Ana, Anaheim, CA

Project Owner's Name: Voit Anaheim Business Park Development

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 180 Days

Contract Dollar Amount: \$540,500.00

PROJECT HIGHLIGHTS:

Removed all underground utilities and structures. Excavated clean and contaminated soil, stockpiled and managed soil stockpiles, remove existing abandoned sewer lines, remove concrete slabs and asphalt and concrete parking lot. Contaminated soil required upgraded PPE, and construction and management of personal and equipment decontamination areas

SUMMARY:

B&D completed a total remediation of the site's contaminated medias and removal/abandonment of all existing underground utilities. The project scope changed throughout the remediation as unknown contamination and structures were discovered. B&D adapted quickly to the changes to develop a specific scope of work for each change, implemented the work immediately, and maintained the project schedule with minimal delays. The soil contamination included phenol, cyanide, arsenic, and TCE. Each chemical requiring a specific health and safety protocol established in the Site-Specific Health and Safety Plan.





Makallon Atlanta Huntington Beach

21002 Pacific Coast Hwy, Huntington Beach, CA

Project Owner's Name: Makallon Atlanta Huntington Beach

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 150 Days

Contract Dollar Amount: \$406,000.00

PROJECT HIGHLIGHTS:

1st location of site:

Excavation, dust control, screening, loading, project management

2nd location of site:

Excavation and transportation loading

3rd location of site:

Excavation of overburden

Replacement of overburden

Compaction following contaminated soil removal

SUMMARY:

B&D removed clean overburden for backfill and excavated to the vertical and lateral limits of the soil contamination, dewatered excavated contaminated soil to stockpile for management prior to processing in a Transportable Treatment Unit (TTU). Contamination on western property line required slot cut excavation along Pacific Coast Highway/Caltrans right-of-way. Several areas were excavated to groundwater and required special backfill requirements to meet backfill compaction specifications. Excavated soil was screened and loaded into the TTU (Transportable Treatment Unit) for chemical fixation, sampled to confirm successful treatment of soluble metals, and transported to the appropriate landfill for disposal or reuse as alternate daily cover. Subsequent to the export of all contaminated soil, B&D backfilled and compacted the project site with the stockpiled overburden.





Antelope Valley East Kern Water District

Rosamond, Pearblossom, Palmdale, and Acton Facilities, CA

Project Owner's Name: Antelope Valley East Kern Water District

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 2 months

Contract Dollar Amount: \$242,000.00

PROJECT HIGHLIGHTS:

- Excavation
- Loading
- Transportation
- Dust Control
- Project Management

SUMMARY:

B&D Construction Co., Inc. excavated, loaded, and transported 15,000 tons of dried flocculated sediment from stockpile and lined ponds. The excavation required minimal impact to pond liners and coordination with Water District operations to ensure timely reuse of the ponds at each of the operating locations.





Breit Burn Energy Corporation

12720 Telegraph Rd., Santa Fe Springs, CA

Project Owner's Name: Breit Burn Energy

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 6 Months

Contract Dollar Amount: \$762,000

PROJECT HIGHLIGHTS:

Excavation

Crushing

SUMMARY:

B&D Construction Co., Inc. excavated 85,000 tons of Rule 1166 hydrocarbon contaminated soil using a site-specific Rule 1166 permit. B & D Construction Co. also performed crushing and segregation of 89,000 tons of impacted lead concrete. The excavation complied with all Rule 1166 site specific conditions, including VOC excavated soil management, excavation and soil monitoring, disposal, and reporting requirements.





Koch Carbon LLC

707 E. Third St., Pittsburg, CA

Project Owner's Name: Koch Carbon LLC

Contact Name & Phone No: Bob Burgett, 925-431-1090

Performance Period: 1 Month

Contract Dollar Amount: \$750,000.00

Transportation and Disposal Dollar Amount: \$275,000.00

PROJECT HIGHLIGHTS:

TTU Permitting

Chemical Stabilization & Fixation

Transportation and Disposal

SUMMARY:

B&D Construction Co., Inc. performed treatment of 5,000 tons of contaminated soil.

B&D Construction Co., Inc. also loaded, transported, and disposed of 10,000 tons to appropriate disposal facility.





Fullerton Crossings

601 S. Placentia Ave., Fullerton, CA

Project Owner's Name: M & H Property Management

Contact Name & Phone No: David Lindsley, 949-768-8983

Performance Period: 27 Months

Contract Dollar Amount: \$5,600,000.00

Transportation and Disposal Dollar Amount: \$2,540,000.00

PROJECT HIGHLIGHTS:

Imported Soil

Underground Storage Tank Removal

Excavation, Stockpile Management, and Loading Contaminated Soil

Installation of Infra Structure

Curb & Gutter Construction

SUMMARY:

B&D Construction Co., Inc. performed excavating and stockpiling 80,000 tons of contaminated soil, importing soil, underground storage tank removal, installation of infra structure including sewer, storm drain, water, and electrical. B & D Construction also performed grading for pad, curb & gutter, and parking lot.



Los Angeles Unified School District

Central Region Middle School #7

1420 E. Adams Blvd., Los Angeles, CA

Project Owner's Name: Los Angeles Unified School District

Contact Name & Phone No: Mike Carpenter, 310-544-5737

Performance Period: 6 Months

Contract Dollar Amount: \$1,650,000.00

PROJECT HIGHLIGHTS:

Excavation

Segregation of Material

Stockpiling

Loading

Transportation

Disposal

SUMMARY:

B&D Construction Co., Inc. performed excavation, segregation, loading, transportation, and disposal of 175,000 tons of multiple waste streams on a schedule with liquidated damages. The building footprint required extensive shoring with tiebacks and rakers. B&D coordinated contaminated soil excavation and export in 5-foot lifts working from the perimeter to the center to expedite the shoring installation and maintain the environmental remediation schedule. The environmental work was coordinated with the construction management company and the various trade contractors to ensure a seamless project that stayed on budget and on schedule.



Kinder Morgan

2000 E. Sepulveda Blvd., Carson, CA

Project Owner's Name: Kinder Morgan Energy Partners LLC

Contact Name & Phone No: David Lennon, 949-341-7458

Performance Period: 21 Months

Contract Dollar Amount: \$5,600,000.00

PROJECT HIGHLIGHTS:

Erosion Control

Importation of Rock & Filter Fabric

Pipeline Installation

Segregation of contaminated Material

Transportation

Disposal

SUMMARY:

B&D Construction Co., Inc. performed erosion control via importation of rock and filter fabric, pipeline installation, storm drain catch basin repair and installation. During the erosion control installation, B&D managed segregation of contaminated material for offsite management at the appropriate landfill.



B&D CONSTRUCTION CO., INC.

Southern California Edison

Helicopter Support Operations Center

7000 Merrill Ave., Bldg. A209, Chino, CA

Project Owner's Name: Southern California Edison

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 3 Months

Contract Dollar Amount: \$730,000.00

PROJECT HIGHLIGHTS:

Loading

Transportation

SUMMARY:

B&D Construction Co., Inc. performed loading and transportation of 57,000 tons of contaminated soil at over 3,000 tons per day as scheduled. B&D performed stockpile management that included detailed review of the analytical data and gridding stockpile to segregate soil for Subtitle D and Inert landfill. B&D's implementation of the grid procedure and soil segregation saved the customer over \$1,000,000.00 in transportation and landfill fees.



ART Soil Removal

2680 E. Imperial Hwy, Lynwood, CA

Project Owner's Name: American Remedial Technologies

Contact Name & Phone No: Rob Heller, 714-771-5554

Performance Period: 6 Months

Contract Dollar Amount: \$675,000.00

PROJECT HIGHLIGHTS:

- Loading
- Transportation
- Soil Segregation
- Rule 1166 Monitoring
- Final Clean Up

SUMMARY:

B&D Construction Co., Inc. performed excavation of Rule 1166 impacted soil from a former LTTD plant. The contaminated soil was stockpiled in two warehouses and on the exterior open property area, property line to property line. B&D worked with the SCAQMD to ensure compliance with the Rule 1166 conditions and minimize the export of soil not subject to Rule 1166, saving the property owner over, \$500,000.00 in transportation and disposal fees. B&D managed 38,000 tons of soil for segregation of Rule 1166, dust/odor/vapor control, Rule 1166 monitoring, loading, transport, discharge/disposal, and reporting. B&D Construction Co., Inc. also performed acquisition of site-specific Rule 1166 permit, final cleanup of entire site to owner's expectation.



Quinn CAT

City of Industry, California

Project Owner's Name: Quinn Caterpillar

Contact Name: Raymond Bol, 626-712-1606

Contract Period: 22 days

Contract Dollar Amount: \$3,685,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Screening and Stockpile Management
- Dust control
- Chemical Treatment of Heavy Metals
- Treated Soil Loading
- Transportation

SUMMARY:

B&D chemically treated approximately +60,000 tons of heavy metals contaminated soil identified during redevelopment activities. B & D permitted two Transportable Treatment Units (TTU) through the DTSC permitting branch to double the daily production to maintain the project schedule. Prior to processing contaminated soil, the soil was screened to remove debris and maximize daily TTU production. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled and analyzed by a State certified laboratory to confirm successful treatment of soluble heavy metals below California and/or EPA regulatory levels. Following soil treatment confirmation, treated soil was loaded and transported to the appropriate disposal facility. B&D coordinated the environmental work with the general contractor to ensure the redevelopment schedule was maintained.



BNSF Hobart Yard

Los Angeles, CA

Project Owner's Name: BNSF Hobart Yard

Contact Name: Matt Eaton, 949-697-1129

Contract Period: Total 25 days

Contract Dollar Amount: \$3,260,000.00

Transportation and Disposal Dollar Amount: \$2,600,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Excavation, Screening and Stockpile Management
- Chemical Treatment of Hazardous Heavy Metals Contaminated Soil
- Treated Soil Sampling
- Treated Soil Loading
- Transportation
- Disposal Characterization and Landfill

SUMMARY:

B&D chemically treated approximately 69,000 tons of heavy metals contaminated soil during two phases of environmental work at the rail yard. B & D permitted the Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility.





Taylor Yard

Los Angeles, California

Project Owner's Name: BMS

Contact Name: Antonio Bermudez, 213-840-9821

Contract Period: 15 days

Contract Dollar Amount: \$2,057,000.00

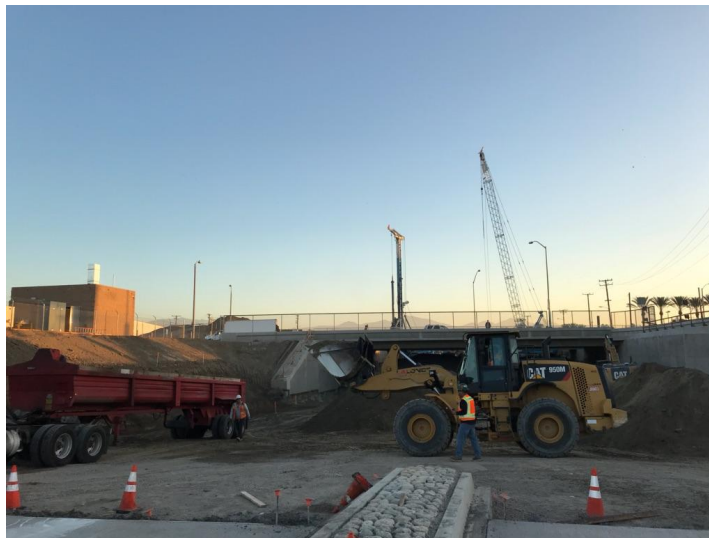
Transportation and Disposal Dollar Amount: \$1,035,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Excavation, Screening and Stockpile Management
- Chemical Treatment of Heavy Metals
- Treated Soil Loading
- Site Backfill and Grading
- Transportation
- Disposal Characterization and Landfill

SUMMARY:

B&D completed the project highlights through two phases of work at the project location, Phase I - Lots 3 & 4, and Phase II – Lot 5. B&D chemically treated approximately 24,000 tons of heavy metals contaminated soil from an unknown source. B&D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility. B&D imported backfill soil and placed and compacted to grade.





B&D CONSTRUCTION CO., INC.

Los Angeles WM Redevelopment

Los Angeles, California

Project Owner's Name: Waste Management/Two Locations, Downtown Los Angeles

Contact Name: Raymond Bol, 626-712-1606

Contract Period: 14 days

Contract Dollar Amount: \$1,125,000.00

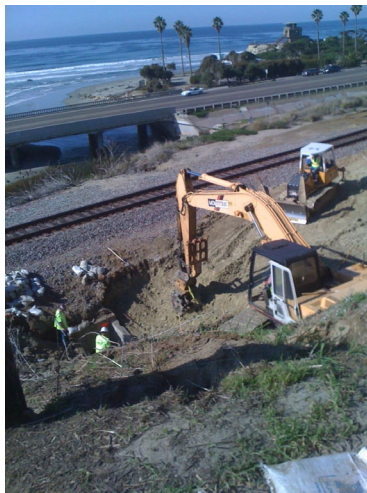
Transportation and Disposal Dollar Amount: \$600,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Excavation, Screening and Stockpile Management
- Chemical Treatment of Hazardous Soluble Heavy Metals
- Treated Soil Loading
- Transportation
- Disposal Characterization and Landfill

SUMMARY:

B&D chemically treated approximately 24,000 tons of heavy metals contaminated soil from an unknown source. B & D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility.





Blossom Plaza

Los Angeles, California

Project Owner's Name: Forrest City

Contact Name: Raymond Bol, 626-712-1606

Contract Period: 15 days

Contract Dollar Amount: \$1,485,000.00

Transportation and Disposal Dollar Amount: \$802,000

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Excavation, Screening and Stockpile Management
- Chemical Treatment of Heavy Metals
- Treated Soil Loading
- Transportation
- Disposal Characterization and Landfill

SUMMARY:

B&D chemically treated approximately 27,000 tons of heavy metals contaminated soil from an unknown source. B&D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility.





Agricultural Park

Riverside, California

Project Owner's Name: Friends of Riverside Airport

Contact Name: Bob Beers, 951-317-2041

Contract Period: January 2013 to January 2018

Contract Dollar Amount: \$24,000,000.00

Transportation and Disposal Dollar Amount: \$13,500,000.00

PROJECT HIGHLIGHTS:

Onsite Remediation Oversight by DTSC

Site Characterization, Vertical and Lateral Contamination Limits

SWPPP BMP Management

Debris Segregation and Concrete Crushing

TSCA and Non TSCA Soil Excavation and Stockpile Management

Dust Monitoring and Implementation of Dust Suppression Procedures

Excavation and Stockpile Management

Loading Transport Trucks

Transportation and Disposal

Backfill, compaction, and grading to residential specifications

Underground Utility and Stormwater Drainage System Construction

Curb, Street, and Gutter Construction

SUMMARY:

B&D worked closely throughout the various phases on the Ag Park project with the owner, RWQCB, US EPA, and the DTSC to facilitate a No Further Action (NFA) notification from the DTSC, allowing the former brownfield site to be developed for residential use. During the various phases of work, B&D managed 550,000 tons of impacted soil for offsite transportation to the appropriate landfill. During the remediation phase B&D managed over 50,000 tons of concrete and asphalt by sorting, sizing, crushing, sampling for waste disposal/reuse characterization, offsite transportation, and landfill disposal/landfill beneficial reuse. Subsequent to the DTSC's NFA, B&D graded the site to blue top, installed utility trenches to each residential lot, installed storm drains, and constructed curb and gutter along all the streets. B&D managed storm water BMPs and erosion control.





Los Angeles State Historical Park

Los Angeles, California

Project Owner's Name: California Department of Parks and Recreation

Contact Name: Raymond Bol, 626-712-1606

Contract Period: 22 days

Contract Dollar Amount: \$3,410,000.00

Transportation and Disposal Dollar Amount: \$1,980,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Screening and Stockpile Management
- Chemical Treatment of Heavy Metals
- Transportation
- Disposal Characterization and Landfill

SUMMARY:

B&D chemically treated approximately 55,000 tons of heavy metals contaminated soil from an unknown source. B&D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA and State regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility.





Hollywood Park Rams Stadium

Inglewood, California

Project Owner's Name: Hollywood Park Land Co., LLC

Contact Name: Rob Heller

Contract Period: 12 months

Contract Dollar Amount: \$6,250,000.00

Transportation and Disposal Dollar Amount: \$4,500,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Screening
- Chemical Treatment of Heavy Metals
- Disposal Characterization and Landfill

SUMMARY:

B&D chemically treated approximately 125,000 tons of heavy metal (lead and arsenic) contaminated soil from an unknown source. B&D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA and California regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility.





Taylor Yard Lot 2

Los Angeles, California

Project Owner's Name: Los Angeles Urban Homes

Contact Name: Jeff Lee, 310-420-9153

Contract Period: 46 days

Contract Dollar Amount: \$6,375,000.00

Transportation and Disposal Dollar Amount: \$4,000,000.00

PROJECT HIGHLIGHTS:

- Hazardous Soil Excavation
- Transportable Treatment Unit Permitting
- Screening and Stockpile Management
- Chemical Treatment of Heavy Metals
- Treated Soil Loading
- Transportation of Treated Soil
- Disposal Characterization and Landfill
- Backfill and Compaction
- Project Site Finish Grading

SUMMARY:

B&D chemically treated approximately 85,000 tons of heavy metals contaminated soil from an unknown source. B&D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility. Following export of all treated contaminated soil from the site, B&D backfilled, compacted the site to finish grade.





Albion Riverside Park

Los Angeles, California

Project Owner's Name: City of Los Angeles
Contact Name: Raymond Bol, 626-712-1606
Contract Period: 18 days
Contract Dollar Amount: \$1,950,000.00
Transportation Dollar Amount: \$676,000.00

PROJECT HIGHLIGHTS:

- Transportable Treatment Unit Permitting
- Excavation, Screening and Stockpile Management
- Chemical Treatment of Heavy Metals
- Disposal Characterization and Landfill
- Transportation

SUMMARY:

B&D chemically treated approximately 26,000 tons of heavy metals contaminated soil from an unknown source. B&D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility.





5 Point Development - Great Park

Irvine, California

Project Owner's Name: 5 Point

Contact Name: David Lennon, 310-251-6893

Contract Period: 168 days

Contract Dollar Amount: \$15,675,000.00

Transportation and Disposal Dollar Amount: \$10,725,000.00

PROJECT HIGHLIGHTS:

Project Area 1 - Heavy Metals Project Site

Transportable Treatment Unit Permitting

Excavation, Screening and Stockpile Management

Chemical Treatment of Heavy Metals

Treated Soil Loading

Disposal Characterization

Transportation

Disposal Characterization and Landfill

Project Area 2 - VOC Contaminated Soil Project Site

Rule 1166 Implementation

Excavation and Stockpile Management

Transportation

Disposal Characterization and Landfill

SUMMARY:

B&D completed two separate remediations at the project site. Project Area 1, B&D chemically treated approximately 125,000 tons of heavy metals contaminated soil from a trap and skeet range. B&D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility. Project Area 2, B&D excavated 90,000 tons of VOC impacted soil, complying with Rule 1166 conditions either directly containerized the soil for export, or managed the VOC soil to minimize emissions for subsequent export to the appropriate facility. Following removal of the VOC contaminated soil, B&D rough graded the site to previous exiting elevations.

**Oak Walk**

Los Alamitos, California

Project Owner's Name: The Olson Companies

Contact Name: Bob Walker

Contract Period: June 2018 – November 2018

Contract Dollar Amount: \$1,815,000

Transportation Dollar Amount: \$435,000

PROJECT HIGHLIGHTS:

Transportable Treatment Unit Permitting

Excavation, Screening and Stockpile Management

Chemical Treatment of Heavy Metals

Disposal Characterization and Landfill

Transportation

Compliance with Conditions of Rule 1166 and Rule 1466

SUMMARY:

B&D completed this project in two phases. Phase 1 was comprised of 2,000 tons of TPH, and VOC impacted soil removal, transportation, and disposal. The excavation site work was conducted in compliance with SCAQMD Rule 1166 conditions during Phase I. Phase II included B & D chemically treating approximately 26,000 tons of heavy metals contaminated soil from an unknown source. B & D used one of two owned and operated Transportable Treatment Unit (TTU) that are permitted through the DTSC permitting branch and the SCAQMD to treat hazardous waste. Prior to processing and treating contaminated soil, the soil was screened to remove all debris. The screened soil was treated using a chemical reagent based on a bench scale recipe to ensure treated soil was rendered non-hazardous and approved for Class III landfill. Treated soil was sampled to confirm treatment of heavy metals below State of California hazardous regulatory thresholds. Subsequent to confirming the soil treatment recipe, soil was processed for treatment through the TTU, stockpiled, loaded into end dump trailers, and transported to the appropriate disposal facility. The project's, Soil Management Plan required compliance with the conditions of the Rule 1166 due to potential TPH/VOC concerns, and the SCAQMD Rule 1466 to ensure dust mitigation through stringent soil management and perimeter monitoring. The project was completed on schedule and on budget.



Pinto Property

Lake Elsinore, California

Project Owner's Name: GS Strategies

Contact Name: Kevin Randolph

Contract Period: October 2018 – December 2018

Contract Dollar Amount: \$315,000

Transportation Dollar Amount: \$111,512

PROJECT HIGHLIGHTS:

Illegal Dump Removal and Site Grading

Excavation and Stockpile Management

Demolition of Existing Site Structures

Disposal Characterization and Landfill

Transportation

SUMMARY:

B&D excavated and removed approximately 5,800 tons of illegally dumped solid waste along the Temescal Creek. Project work consisted of removal of illegal dumped drywall, concrete, wood, drums, and general trash. The work was completed to allow the property transfer from a private party to the County of Riverside to restore, protect, and maintain drainage to the existing creek. The project was completed on schedule and under budget.



Whole Foods

Sherman Oaks, California

Project Owner's Name: Pacific Star Capital

Contact Name: Russ Parker 954-646-0019

Contract Period: October 2018 – May 2019

Contract Dollar Amount: \$3,159,000

Transportation Dollar Amount: \$1,280,000

PROJECT HIGHLIGHTS:

Excavation, Stockpile Management

Traffic Control

Coordination with Shoring Contractor on Complete Perimeter of Site

SWPPP Implementation and BMP Maintenance

Storm water Management

Soil Disposal Characterization and Landfill

Transportation

SUMMARY:

B&D performed excavation, shoring support, temporary water system installation, perimeter fencing, SWPPE BMP installation and maintenance, UST removal, ACM packaging and removal, Storm water management, groundwater management, vapor suppression, segregation of waste streams, stockpiling, and stockpile management of multiple waste streams. B&D excavated, stockpiled, and managed 19,000 tons of rule 1166 regulated high VOC soil, 11,000 tons of low VOC Soil, and 55,000 tons of clean soil during the course of field activities. All waste streams were excavated, stockpiled, loaded, transported, and disposed of at licensed landfill facilities. Field work was completed over seven months.



City of Inglewood Redevelopment
Inglewood, California

Project Owner's Name: Griffith Company
Contact Name: Mike Carpenter 310-200-5271
Contract Period: January 2019 – February 2019
Contract Dollar Amount: \$1,100,000
Transportation Dollar Amount: \$410,000

PROJECT HIGHLIGHTS:

Transportable Treatment Unit Permitting
Chemical Treatment of Heavy Metals
Disposal Characterization and Landfill
Transportation

SUMMARY:

B&D chemically treated approximately 9200 tons of heavy metals contaminated soil from an unknown source. B & D used one of two owned and operated Transportable Treatment Units (TTU) that are permitted through the DTSC permitting branch and the SCAQMD to treat hazardous waste. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was treated using a chemical reagent based on a bench scale recipe to ensure treated soil was rendered non-hazardous and approved for Class III landfill. Treated soil was sampled to confirm treatment of heavy metals below State of California hazardous regulatory thresholds and US EPA hazardous waste regulatory thresholds. After confirming the soil treatment recipe, soil was processed for treatment through the TTU, stockpiled, loaded into end dump trailers, and transported to the appropriate disposal facility. After completion of treatment transport and disposal of treated soil, B&D transported and disposed of an additional 21,000 tons of nonhazardous soil at a licensed class 3 landfill facility.



Carson 175, LLC

Carson, California

Project Owner's Name: Brandywine Homes

Contact Name: Mike McBride 949-557-7265

Contract Period: December 2019 – May 2020

Contract Dollar Amount: 2,100,000

Transportation Dollar Amount: \$575,000

PROJECT HIGHLIGHTS:

- Excavation and Stockpile Management
- Implementation of Rule 1466 for Air Toxic Pollutants
- Implementation of Rule 1166
- Disposal Characterization and Landfill
- Transportation

SUMMARY:

B&D surgically excavated lead impacted soil from a former oil field property under the conditions of the SCAQMD's Rule 1466 and Rule 1166. B&D maintained continuous dust control and vapor suppression protocol throughout the project. B&D's surgical excavation of 8 impacted areas minimized the cost of offsite transportation and disposal. B&D created a daily workplan to accommodate the various excavation areas to maintain the project schedule and ensure that no over excavation of impacted areas occurred. B&D collaborated closely with the consultant and owner throughout the project. B&D completed the project on schedule and within budget.



Division 20 Portal Widening - ADCO

Los Angeles, California

Project Owner's Name: Los Angeles County Metropolitan Transportation Authority

Contact Name: David Lennon 310-251-6893

Contract Period: March 2019 – September 2019

Contract Dollar Amount: \$9,056,463

Transportation Dollar Amount: \$1,640,000

PROJECT HIGHLIGHTS:

Excavation and Stockpile Management

Disposal Characterization and Landfill

Transportation

Unknown and Known Utility Pipe/Line Abandonment

Underground Storage Tank Removal

SWPPP BMP Installation and Maintenance

Post Excavation Precise Grade

SUMMARY:

B&D excavated approximately 78,000 tons of hazardous and non-hazardous soil from the former ADCO and NCS properties acquired by Metro for future Division 20 Portal Widening construction. B&D proposed an in-situ grid sampling protocol to minimize handling of excavated soil, saving Metro schedule time and cost. B&D excavated the 6-acre property 10-feet below existing sidewalk grade. Throughout the excavation, B&D managed profiles for each waste characterization. The total profiles generated during this project totaled, nine (9) profiled waste streams to six (6) different TSD/landfill facilities. B&D collaborated with the owner and city to abandon known and unknown utilities across the excavation. Many of the unknown utilities required temporary shoring at the property line, a hot-tap crew, and rescue crew to safely abandon the utilities outside the property line. B&D unearthed several unknown USTs and collaborated with the consultant and LA County Fire to remove them for closure. Throughout the project B&D maintained SWPPP BMPs at the project site and adjacent streets. Following excavation of the six (6) acres, B&D completed final precise grade on the bottom of the excavation using its GPS equipped grading equipment. B&D maintained a perfect safety record at the site which lasted over 365 days.



Pickleworks Auxiliary Parking Lot

Los Angeles, California

Project Owner's Name: Los Angeles County Metropolitan Transportation Authority

Contact Name: David Lennon 310-251-6893

Contract Period: June 2019 – August 2019

Contract Dollar Amount: \$375,550

Transportation Dollar Amount: \$1,500

PROJECT HIGHLIGHTS:

- Import, Place, and Compact 3" Crushed Gravel Subbase
- Grade Subbase to an Easterly 2% slope, 11,000 Sq. Ft.
- Import, Place, and Compact 3/4-inch Base Rock
- Place Geotextile Fabric Over Compacted Base Rock
- Assemble TruGrid Parking Grid Composite Across 11,000 Sq. Ft.
- Import, Place, and Compact 3/4-inch Rock in TruGrid Structure
- Install New Electrical Panel for LADWP Feed for Musco Lighting System
- Install K-rail and 1-inch Mesh Fencing and Access Gates

SUMMARY:

B&D constructed a Metro commercial fleet parking lot at the former Pickle Works location. Due to construction activities and eventual demolition of Metro Construction field office, B&D was tasked with collaborating the design and construction of the temporary parking lot. The parking lot subbase was constructed from crushed concrete slabs from the ADCO demolition. B&D placed crushed rock over the subbase and graded it with a 2% slope for stormwater flow to a retention basin. The finish elevation of the parking lot consisted of placing geotextile fabric over the crushed rock and assembling a TruGrid interlocking composite parking lot top filled with crushed rock. The TruGrid material required custom cutting and placement to form a continuous cover across the parking lot. Following the construction of the parking lot, B&D managed the placement and construction of K-rail, chain link fence, gates, gate tracks, electrical, and stadium lighting.





Division 20 - ESOC
Los Angeles, California

Project Owner's Name: Los Angeles County Metropolitan Transportation Authority

Contact Name: David Lennon 310-251-6893

Contract Period: 2019-2020

Contract Dollar Amount: \$6,600,012

Transportation Dollar Amount: \$2,100,000

PROJECT HIGHLIGHTS:

Excavation, Stockpile Management

Disposal Characterization and Landfill

Implementation of Rule 1166 Conditions

Implementation of Rule 1466 Conditions

Transportation

SUMMARY:

B&D excavated the former Metro construction office and parking location for future Division 20 Portal Widening construction. The excavation was slowed by the presence of unknown subsurface structures. The subsurface structures were later recognized as the footings, manways, and other substructures of the former LA Gas Works from the early to mid-20th Century B&D mobilized equipment to break and size the concrete super structures. In addition to the concrete, B&D managed 7 waste streams including RCRA, RCRA debris, Non-RCRA, treated wood waste, Rule 1166 soil, and non-hazardous disposal and cover soil. The project was considered subject to Rule 1466; therefore, all work was completed per the conditions of the Rule 1466. B&D manage known and unknown utility abandonment at the project property line, as well as asbestos containing material management. The project was completed with zero safety incidents.



Scattergood Generating Station

El Segundo, California

Project Owner's Name: Los Angeles Department of Water and Power

Contact Name: David Lennon 310-251-6893

Contract Period: 2017 - 2020

Contract Dollar Amount: \$3,884,258

Transportation Dollar Amount: \$501,000

PROJECT HIGHLIGHTS:

Transportation

SUMMARY:

B&D performed demolition support, construction of infrastructure facilities, and grading activities. B&D construction work consisted of constructing a 2-acre sump with placement of 4,000 cubic yards of slurry backfill, import of Class II base and precise grade of parking lot areas, construction of retaining walls along parking area to support Class II base for finish grade, curb construction, installation of storm drain pile to existing storm water vault, management of asphalt paving cap in area, daily and seasonal storm water management during construction activities.





Haynes Generating Station

Long Beach, California

Project Owner's Name: Los Angeles Department of Water and Power

Contact Name: David Lennon 310-251-6893

Contract Period: 2018-2021

Contract Dollar Amount: \$8,465,000

Transportation Dollar Amount: \$1,200,000

PROJECT HIGHLIGHTS:

Demolition
Remedial Construction
Transportation
Disposal
Site grading
Electrical and Flatwork

SUMMARY:

B&D performed preconstruction work for demo and remediation of decommissioned 2 power generating units at the DWP Haynes Generating Plant. B&D constructed a temporary power grid for demo contractor, 480V. B&D installed power boxes, generators, and transformers for negative air to support hazardous materials abatement. B&D installed gravity fed sewer storage tanks and restored grade with imported rock. B&D constructed a temporary maintenance building for DWP including over-excavation and compaction of building pad footprint (15,000 square feet), demo of unknown subgrade concrete structure, and transportation and disposal of removed and sized concrete. Following over-excavation and subgrade structure removal, B&D imported 6,000 cubic yards of soil from an onsite borrow source, placed, and compacted it to deliver a compacted certified finish pad for construction of the maintenance building. Additionally, B&D completed turnkey soil remediation of RCRA waste, managed stormwater in B&D water storage tanks (200K gallons), managed fuel oil for off-site recycling/disposal from onsite AST, transported and disposed of tank bottoms, and implemented SWPPP BMP across the project site.





Cal Compact
Carson, California

Project Owner's Name: City of Carson and JV Partners
Contact Name: David Lennon 310-251-6893
Contract Period: 2018-2020
Contract Dollar Amount: \$19,770,778
Transportation Dollar Amount: \$510,000

PROJECT HIGHLIGHTS:

- Equipment with GPS used throughout project
- Excavation
- Municipal Solid Waste Excavation/Removal and Relocation
- Soil Excavation and Relocation
- Screen and Remove Ferrous Material from Onsite CMB Stockpiles
- Rock Placement with Telebelt Delivery System
- Rough and Final Grade
- Utility Trench Excavation
- Structural Foam Sizing and Placement
- Transportation

SUMMARY:

B&D completed the civil grade construction for future development of retail and mixed-use construction. The site is a former landfill requiring regrade to allow installation of piles, pile caps, vapor barrier, and utilities. During the regrade work, B&D relocated 190,000 cubic yards of municipal solid waste (trash), and 150,000 cubic yards of soil. The grading took place across the 62-acre site. B&D completed, trash and soil removal and relocation, utility trench excavation, and final grade using equipment equipped with GPS. B&D's equipment fleet with GPS includes 336 and 308 excavators, D5 dozer, D8 dozer, JD 772 blade, and CAT skid steer. B&D sized and placed structural foam across the site as required. B&D screened 80,000 cubic yards of 3/4" rock to meet construction specifications and placed the screed rock on finish graded areas using a telebelt system and LGP equipment. B&D used multiple screens, screen decks, and magnet to remove steel and other ferrous materials from the CMB stockpiles located at the site. Throughout the construction activities, B&D maintained the roads and slopes (grub and grade), maintained SWPPP BMPs. All work was accomplished utilizing B&D personnel that have completed 40hr Hazwoper Training and annual 8hr Hazwoper refresher course. Additionally, B&D provides an annual medical monitoring required by OSHA to cover all regulatory requirements.





Parkwest District Community Education Support Complex
Coachella, California

Project Owner's Name: Coachella Unified School District

Contact Name: Ronald Moore

Contract Period: 2018-2020

Contract Dollar Amount: \$1,113,000

Transportation Dollar Amount: \$65,000

PROJECT HIGHLIGHTS:

Demolition

Transportation

Grading – Rough and Precise

Asphalt Paving

SUMMARY:

The project consisted of demolition of structures on two areas, a 5-acre parcel and a 4-acre parcel for future management facilities for the Coachella Unified School District. B&D demolished office facilities, concrete infrastructure, removed utilities, and a cell tower on the 5-acre parcel, and demolished a cold storage facility on the 4-acre parcel. Following demo on the 5-acre area, B&D over-excavated and recompact the area. B&D imported backfill to cover area for finish pad grade. Finish grade consisted of 15,000 square feet of certified compacted pads, curb and gutter, and asphalt parking lot.



Taylor Lot 9V

Los Angeles, California

Project Owner's Name: McCormack, Baron, & Salazar

Contact Name: Antonio Bermudez 213-840-9821

Contract Period: 2020

Contract Dollar Amount: \$2,840,000

Transportation Dollar Amount: \$565,000

PROJECT HIGHLIGHTS:

- Hazardous Soil Excavation
- Transportable Treatment Unit Permitting
- Screening and Stockpile Management
- Chemical Treatment of Heavy Metals
- Treated Soil Loading
- Transportation of Treated Soil
- Disposal Characterization and Landfill
- Backfill and Compaction
- Project Site Finish Grading

SUMMARY:

B&D chemically treated approximately 40,000 tons of heavy metals contaminated soil from an unknown source. B & D permitted a Transportable Treatment Unit (TTU) through the DTSC permitting branch. Prior to processing contaminated soil, the soil was screened to remove all debris. The screened soil was processed using a chemical reagent based on a bench scale recipe. Treated soil was sampled to confirm treatment of heavy metals below EPA regulatory levels. Confirmed treated soil was loaded and transported to the appropriate disposal facility. Following export of all treated contaminated soil from the site, B&D backfilled, compacted the site to finish grade.



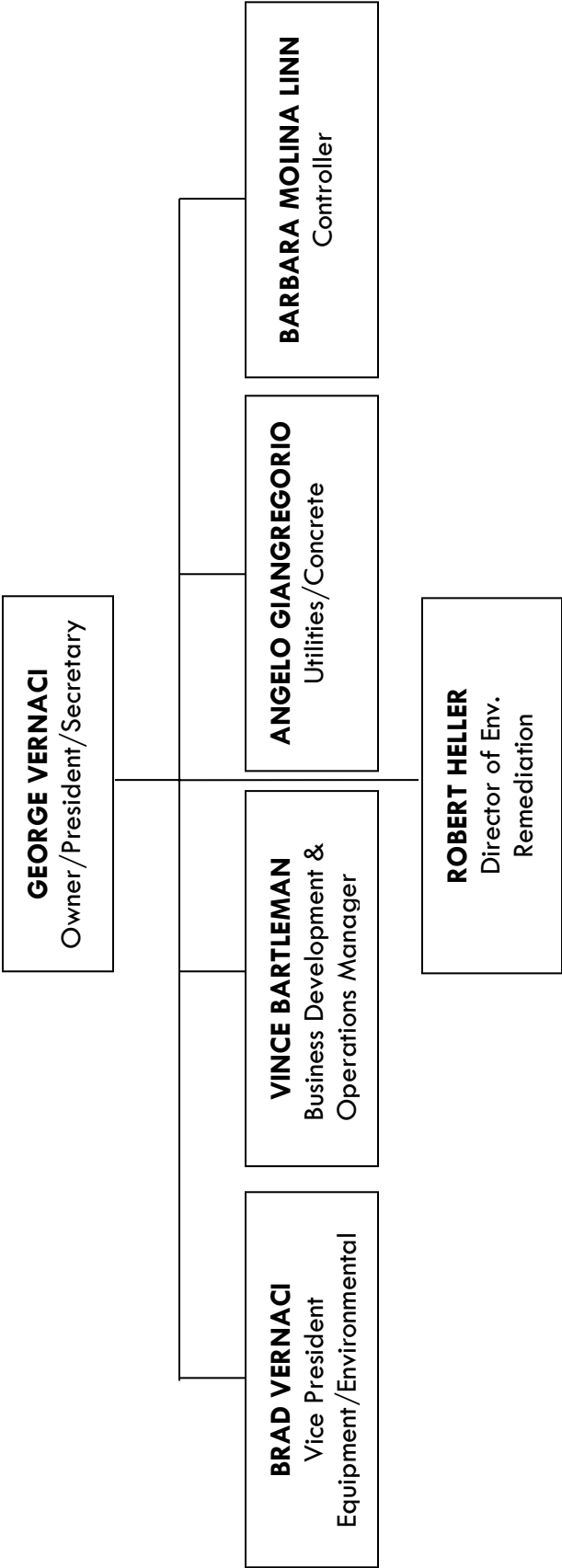
B&D CONSTRUCTION CO., INC.

ORGANIZATIONAL CHART & RESUMES



B&D CONSTRUCTION CO., INC.

B & D CONSTRUCTION CO., INC.
ORGANIZATIONAL CHART





B&D CONSTRUCTION CO., INC.

GEORGE N. VERNACI

Owner/CEO/CFO/Secretary/Environmental, B&D Construction Co., Inc.

George Vernaci founded B&D Construction Co., Inc. in 1976 and still remains the overseer of all projects and services that B&D provides. He is also responsible for human resources management, purchasing of major equipment and supplies, as well as continuing to provide some of the services of B & D Construction.

TECHNICAL SKILLS

Grading, Sewer, Water and Storm Drains, Site Remediation, Soil Stabilization, Concrete Structures, Hazardous Waste, Heavy Equipment Hauling, underground storage tank removal, and aboveground tank installations.

SAFETY TRAINING

40-hour Certified Haz Mat Training with yearly 8-Hour Refresher Course
 8-Hour Supervisor Haz Mat Training
 Respiratory Fit Test
 Yearly Medical Monitoring

QUALIFICATIONS & EXPERIENCE

After building and installing underground storm drains for several years, George Vernaci began his own construction business in 1976 specializing in general engineering construction, grading, sewer, water and storm drains, concrete structures, and heavy equipment hauling. In the late 80's George also added to his experience: underground storage tank removal, aboveground tank installations, site remediation, soil stabilization, etc. George Vernaci is a certified Hazardous Materials Specialist with 40-Hour Haz Mat Training with a yearly 8-hour refresher course at Ken's Haz Mat Awareness, as well as the 8-Hour Supervisor training. To this day, B & D Construction continues to be a vital and growing company, providing highly professional services for its clientele.

PROJECT EXPERIENCE (Partial List) - George Vernaci was the overseer for all of the following projects:

Dune Company, San Ramon, California — Level "C" requiring full-face respirators, gloves, etc.; required decon stations for equipment and personnel; required frequent personnel rotation to prevent heat-related illnesses; removed concrete and asphalt; removed and replaced railroad spur line; excavated, stabilized, loaded, and transported contaminated soil; Bridged ground water areas with geotextile fabric; backfilled, regarded, paved and re-landscaped.

Pasminco Company, Torrance, California — Excavated, stabilized, loaded, and transported contaminated soil; built all haul roads; imported over 100,000 yards of clean soil; re-compacted to a new design grade and elevation; required constant erosion / water control due to weather.

RSR Quemetco, City of Industry, California — Removed 55,000 sq. ft. of concrete; Installed 10,000 sq. ft. of shoring; Replaced 42,000 Sq. Ft. of 6" reinforced concrete; Excavated and loaded 25,500 Tons of contaminated soil; Removed & replaced a 160,000-pound sump; Tough Level "C" job with special safety requirements; Most work contracted to be completed at night (4:00P - 12:00A).



(continued)

Boeing Aircraft, Operation "Sea Launch", Long Beach, California — Demo existing buildings and parking lots; Excavate, stabilize, load, and transport contaminated soil; Coordinate with other General Contractor' schedules & logistics; Excavate for underground tanks; Special trenching & shoring.

Bay Apartment Community, San Jose, California — Required quick mobilization; Needed to complete in a very short time; Quickly obtained site-specific permits from DTSC; Screened, stabilized, loaded, and transported 12,000 tons of contaminated soil.

Union Pacific Railroad, Sacramento, California — Excavated 30,000 yards of contaminated soil; Breaking up and removing reinforced concrete footings; Demolition of asphalt and concrete on surface; Excavation and cutting slopes.

Heritage Communities, Huntington Beach, California — Contained Oil Sumps from Oil Production; Excavated 16,000 yards of clean over burden and hazardous materials; Stockpiled, loaded and transported to landfill; Imported clean soil for future grading and stockpiling.

Union Pacific Railroad, Oakland, California — Required a quick mobilization; Quickly obtained a site-specific permit; Had to be completed over Christmas in a very short amount of time; Chemical Stabilization & Fixation; Transported Soil to Landfill.

Umetco, Owens Dry Lake, California — Haul Road Construction; Excavation and Breaking/sizing (260,000 tons); Installation of Trenching System for Dewatering; Construction of 2 evaporation ponds, Decommissioning of one pond; Loading of Waste Material (65 trucks/day); Rough Grade to Original Site Contours;

Kern Oil Refinery, Kern County, California — Transportable Treatment Unit permitting; Excavation, Screening and Stockpile Management; Chemical Treatment of Heavy Metals; Treated Soil Loading.

Southern California Edison - Ormond Generating Station, Oxnard, California — Excavation and Segregation of Soil and Stockpile Management; Loading of Contaminated Soil Contaminated with hydrocarbons

Tucalota Hills Association, Temecula, California — Grading/Excavation of Unsuitable Soil and Stockpile Management; Screening Operations to Size Material for Disposal Characterization; Loading screened material for off-site transportation and disposal; Screening process saved client at least \$150,000.

Southern California Edison - Mandalay Generating Station, Oxnard, California — Excavation and Segregation of Soil and Stockpile Management; Loading of Contaminated Soil Contaminated with hydrocarbons.

L.A. Unified School District - Jersey Elementary School, Santa Fe Springs, California — Setup of Security Fencing and Wind Screening; Excavation and Segregation of Soil and Stockpile Management; Loading of Soil Contaminated with Heavy Metals and Hydrocarbons; Backfill and Compaction of Excavated Area to Rough Grade.



(continued)

BP California, San Bernardino, California — Excavation, Screening, Crushing Operation; Loading, Transportation of Contaminated Material; Geotextile Liner Installation, Backfill, Compaction and Final Grade.

Department of Water & Power, Sylmar, California — Excavation and loading of arsenic contaminated filtration pond solids; Construction of haul roads to loading areas; Strict control of excavation depth; Management and supervision of 125 end dump trucks/day.

Boeing Realty Corporation (C-1 Facility), Long Beach, California — Excavation of clean overburden, removal of impacted soil, loading, transportation of contaminated soil, chemically treated impacted soil, excavated to ground water, rock, geotextile liner installation, and backfill & compact.

EDUCATION

George received general education from Chaffey College in Alta Loma, California from 1965-1967 and graduated from Upland High School in 1964.

EMPLOYMENT HISTORY

2000 to Present	Owner/Secretary, B & D Construction Co., Inc., Upland, CA
1976 to 2000	Owner, B&D Construction, Upland, CA
1970 to 1976	Carpenter, Acosta Longway
1967 to 1970	Intercommunications Electrician, United States Navy, Washington D.C.

REFERENCES

Dr. Denise Clendening.	714-985-3434
Dr. Joshua Ong.	714-996-5151



BRADLEY V. VERNACI

Vice President/Equipment/Environmental, B&D Construction Co., Inc.

Bradley Vernaci, as Vice President/Equipment/Environmental of B&D Construction Co., Inc. is the company's Health & Safety Officer, as well as Fleet Manager. He also provides various construction services, as well as assisting the President with marketing & sales.

TECHNICAL SKILLS

Health & Safety Officer; Fleet Manager; Heavy Equipment Operator; Heavy Equipment Hauling; Dump Truck Operation; Trenches; Install and Compact Sewers; Water and Storm Drains; Equipment Repair and Maintenance

SAFETY TRAINING

40-hour Certified Haz Mat Training with yearly 8-Hour refresher Course
 8-Hour Supervisor Haz Mat Training
 Respiratory Fit Test
 Yearly Medical Monitoring

QUALIFICATIONS & EXPERIENCE

Bradley Vernaci maintains years of valuable experience as a fleet manager, heavy equipment hauler/operator, and dump truck operator, as well as installing and compacting sewers, water and storm drains, and trenches on various job site locations. Bradley also performs mechanical work as needed on various equipment and maintains all equipment and semi-trucks. Bradley is a certified Hazardous Materials Specialist and attends the 8-hour refresher course at Ken's Haz mat Awareness yearly.

PROJECT EXPERIENCE (Partial List)

Dune Company, San Ramon, California — Brad was Project Manager (including scheduling and equipment mobilization), as well as Health & Safety Manager for this job. Project Specifics: Level "C" requiring full-face respirators, gloves, etc.; Required decon stations for equipment and personnel; Extreme heat conditions...required frequent personnel rotation to prevent heat-related illnesses; Removed concrete and asphalt; Removed and replaced railroad spur line; Excavated, stabilized, loaded, and transported contaminated soil; Bridged ground water areas with geotextile fabric; Backfilled, regarded, paved and re-landscaped.

RSR Quemetco, City of Industry, California — Brad was Health & Safety Manager for this job and worked closely with the Project Manager. Project Specifics: Removed 55,000 sq. ft. of concrete; Installed 10,000 sq. ft. of shoring; Replaced 42,000 Sq. Ft. of 6" reinforced concrete; Excavated and loaded 25,500 Tons of contaminated soil; Removed & replaced a 160,000-pound sump; Tough Level "C" job with special safety requirements; Most work contracted to be completed at night (4:00P - 12:00A).

Boeing Aircraft, Operation "Sea Launch", Long Beach, California — Brad was Project Manager for this job, and worked closely with the Boeing Aircraft Project Manager. Scheduling was critical on this job in order not to have too many trenches open at one time. Project Specifics: Demo existing buildings and parking lots; Excavate, stabilize, load, and transport contaminated soil; Coordinate with other General Contractor' schedules & logistics; Excavate for underground tanks; Special trenching & shoring.



(continued)

Kern Oil Refinery, Kern County, California — Brad was Project Manager and Health & Safety Manager for this job. Logistics and safety were critical. Project Specifics: Transportable Treatment Unit permitting; Excavation, Screening and Stockpile Management; Chemical Treatment of Heavy Metals; Treated Soil Loading.

Southern California Edison - Mandalay Generating Station, Oxnard, California — Brad was Project Manager and Health & Safety Manager for this job. SCE needed this job done quickly. Logistics was a major concern because this entire site was in soft sand. This also made moving equipment and trucks a major task in a small area. The entire area had live lines which required extreme caution to avoid damage. Project Specifics: Excavation and Segregation of Soil and Stockpile Management; Loading of Contaminated Soil Contaminated with hydrocarbons.

BP California, San Bernardino, California — Current job...Brad is Health & Safety Manager for this job. Other responsibilities include obtaining permits such as SCAQMD Rule 1150 and 1166, as well as from the Water Regional Office in Riverside for excavation protocol and erosion control. This will require a site-specific health & safety and SWPPP program, as well as continuous air monitoring and personnel monitoring. Dust control and order & vapor suppressant is of the highest priority. This job has a 90-day timeframe for completion and will be completed by mid-February. Project Specifics: Excavation, Screening, Crushing Operation; Loading, Transportation of Contaminated Material; Geotextile Liner Installation, Backfill, Compaction and Final Grade.

Boeing Realty Corporation (C-1 Facility), Long Beach, California — Excavation of clean overburden, removal of impacted soil, loading, transportation of contaminated soil, chemically treated impacted soil, excavated to ground water, rock, geotextile liner installation, and backfill & compact.

EDUCATION

Bradley received general education from Chaffey College in Alta Loma, California and Mt. San Antonio College in Walnut, California from 1988-1989, and graduated from Upland High School in 1987.

EMPLOYMENT HISTORY

2000 to Present	Vice President, B & D Construction Co., Inc., Upland, CA
1990 to 1999	Health & Safety Officer/Fleet Manager, B & D Construction, Upland, California
1988 to 1990	Mechanic/Welder, Heavy Equipment Repair and Welding, Rancho Cucamonga, CA

REFERENCES

Bob Schauer.....	909-983-9393
Don Jensen.....	707-975-0138



VINCENT H. BARTLEMAN

Business Development Mgr./Operations Mgr., B&D Construction Co., Inc.

Vince has been employed by B&D Construction Co., Inc. since January 2006 – his responsibilities include estimating and bidding remedial construction projects, marketing the company to the technical consulting community, negotiating with key vendors, and managing ongoing remedial construction projects. Prior to joining B & D, Vince was the regional sales manager for Waste Management Inc for 10 years, supervising the sales team in California.

TECHNICAL SKILLS

Site Remediation, Chemical Fixation of soils, Transportation & Disposal of Hazardous Waste, Underground Storage Tank Removal & Heavy Equipment Hauling.

SAFETY TRAINING

40-hour Certified Haz Mat Training with yearly 8-Hour Refresher Course
 8-Hour Supervisor Haz Mat Training
 Respiratory Fit Test
 Yearly Medical Monitoring

QUALIFICATIONS & EXPERIENCE

Vince has 32 years of technical sales and operations experience in the environmental services business, beginning his career with US Ecology as Western Region Sales Manager in 1989. During his tenure at US Ecology, he managed the sales, operations, and P&L for a 19-million-dollar business segment. Vince Negotiated and Managed more than 50 million dollars of turnkey environmental remediation during the 7 years he spent with the company. Vince joined Waste Management Inc. in 1996 as the Regional Sales Manager of industrial sales in California. Vince managed sales and selected operations responsibilities for 13 landfills and TSDF Facilities and had key input into P&L decisions for the entire west group of the company. During his time with Waste Management, Vince and his staff negotiated and managed 122 turnkey environmental remediation projects with revenues exceeding 156 million dollars in total.

PROJECT EXPERIENCE

Vince has managed the following Key projects in his tenure with B&D Construction:

Boeing Realty Corporation (C-1 Facility), Long Beach, California — Excavation of clean overburden, removal of impacted soil, loading, transportation of contaminated soil, chemically treated impacted soil, excavated to ground water, rock, geotextile liner installation, and backfill & compact

Breit Burn Energy Corporation, Santa Fe Springs, California — Excavated 85,000 tons of 1166 Hydrocarbon contaminated soil with site specific 1166. B & D Construction Co. also performed crushing and segregation of 89,000 tons of impacted lead concrete

Kinder Morgan, Carson, California — Performed erosion control via importation of rock and filter fabric, pipeline installation, storm drain catch basin repair and installation segregation of contaminated material



(continued)

Los Angeles Unified School District, Los Angeles, California —

Performed excavation, segregation, loading, transportation, and disposal of 175,000 tons of multiple waste streams on a schedule with liquidated damages

Southern California Edison, Chino, California —

Performed loading and transportation of 57,000 tons of contaminated soil at over 3,000 tons per day as scheduled

ART Soil Removal, Lynwood, California —

Performed load out of 1166 impacted soil, transport of 38,000 tons, soil segregation and 1166 monitoring. Also, performed acquisition of site-specific Rule 1166 permit, final cleanup of entire site to owner's expectations



ROBERT HELLER

Director Environmental Remediation

Rob joins B&D in 2018 after 20 years at Waste Management. Rob's responsibilities include development of remedial site work plans, waste characterization and profiling, estimating, and bidding remedial construction projects, marketing B&D Construction to the technical consulting community and generators, negotiating contracts with clients and vendors, and managing ongoing remedial construction projects.

TECHNICAL SKILLS

Waste Characterization, Site Remediation, Chemical Fixation of Soil, Transportation & Disposal of Hazardous and non-Hazardous Waste, Underground Storage Tank Removal, and Heavy Equipment Hauling.

SAFETY TRAINING

40-hour Certified Haz Mat Training with yearly 8-Hour Refresher Course
 8-Hour Supervisor Haz Mat Training
 Respiratory Fit Test
 Yearly Medical Monitoring

QUALIFICATIONS & EXPERIENCE

Rob has 39 years of technical sales and operations experience in the environmental services business, beginning his career with IT Corporation before moving to US Ecology, and lastly Waste Management. Rob's environmental project experience includes, Industrial Landfill Group Director covering the Western US, encompassing 13 States, and 2 Western Canadian Provinces. Hazardous and non-hazardous industrial waste projects were managed for disposal at the appropriately permitted and licensed Waste Management facility under Rob's management; 41 Subtitle D landfills, two Subtitle C landfills, and thirty-seven transfer stations. Rob managed a staff of 72 sales, operations, and administrative personnel. During Rob's time as Director, he was instrumental in working with regulatory agencies to expand Subtitle D landfill industrial waste acceptance criteria for heavy metal and organic contaminated waste. Rob's industrial waste clients include small and large private and public companies, of which many are Fortune 500 companies. During Rob's time with Waste Management, he successfully managed over \$2.250 billion dollars of hazardous and non-hazardous industrial and remediation waste and associated project work.

PROJECT EXPERIENCE

Rob has managed the following Key projects in his tenure with Waste Management:

Boeing Realty Corporation (C-1 Facility), Long Beach, California —

Gibson Oil, California —

Rams Stadium Remediation, California —

PCB Auto Shredder Residual, BC, Canada —

Alameda Corridor, California —

Duwamish Dredge Project, Washington —

Los Angeles Unified School District, Los Angeles, California —

Riverside PCB Remediation, California —



ANGELO J. GIANGREGORIO

Vice President/Utilities/Concrete, B&D Construction Co., Inc.

Angelo Giangregorio, as Vice President/Utilities/Concrete for B&D Construction Co., Inc., is responsible for providing various services from estimating and final bid, scheduling, purchasing materials, coordinating personnel, and managing daily operations, through the completion of a job.

TECHNICAL/MANAGEMENT SKILLS

Cost Management; Purchasing; Scheduling; Bid Preparation & Estimating; Field Supervision; Accounting; Contract Negotiation; Implement Safety Program; Underground Utilities

SAFETY TRAINING

40-hour Certified Haz Mat Training with yearly 8-Hour Refresher Course
8-Hour Supervisor Haz Mat Training
Respiratory Fit Test
Yearly Medical Monitoring

QUALIFICATIONS & EXPERIENCE

Angelo gained valuable experience as co-owner of a concrete structures contracting company for 17 years. There he managed 15-40 field personnel, as well as estimating, costing, accounting, contract negotiation, developing change orders, ordering materials and equipment. He also implemented a safety program and maintained an excellent rapport with public agencies, city representatives, general contractors, and material & equipment suppliers.

EDUCATION

Angelo was a Communications Specialist in the United States Air Force from 1961-1965 and graduated from Cathedral High School in Los Angeles, California in 1961.

EMPLOYMENT HISTORY

1999 to Present	Project Manager, B & D Construction Co., Inc., Upland, CA
1998 to 1999	Superintendent/Project Manager, W. A. Rasic, Lynwood, CA



BARBARA MOLINA LINN

Vice President, Finance, B&D Construction Co., Inc.

Barbara Molina Linn has been with B&D Construction Co., Inc. for over 30 years.

As Controller of B & D Construction Co., Inc., Barbara oversees and manages daily operations including: payroll, prevailing wage, certified payroll reports, maintaining personnel files, 401K, A/P, A/R, job costing, project folders including preliminary notices, releases, mechanics liens, dig alerts, insurance certificates, etc., obtaining permits, licenses, job specific or general, normal clerical, filing, bid preparation, obtaining quotes, keeping equipment repair records current and organized, transportation job dispatching, etc.

CERTIFICATIONS

Notary Public

EDUCATION

West Torrance High School - 1979

EMPLOYMENT HISTORY

1991 – Current	B & D Construction Co., Inc.
1986 – 1990	Account Executive, W.J. Byrnes, Los Angeles, CA



B&D CONSTRUCTION CO., INC.

L I C E N S E S , P E R M I T S &
C E R T I F I C A T I O N S
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