

## **Christopher M. Wasia**

Professional Engineer

### **EDUCATION**

M.S. Civil Engineering, Emphasis in Hydrological Studies, Montana State University, 1998  
B.S. Civil Engineering, Montana State University, 1992

### **SPECIALIZATION**

Project Management, Construction Management, Design of Extreme Terrain Access and Residential Design Processes, Hydrological Analysis (HEC-RAS, SCS TR-55), Storm Water Design, Detention Pond Design, Digital Terrain Modeling, Water Distribution Systems, Airport Layout and Design, Construction & Topo Surveying, Septic Systems, Computer Aided Design, Drafting, GIS programming, and Google Earth Programming.

### **REGISTRATION**

Professional Engineer: Montana (10959PE)

### **PROFESSIONAL SUMMARY**

Mr. Wasia has 19 years of practice in engineering and is responsible for agency submittals, construction observation, survey layout, computer design and drafting of road and municipal projects, plats, plans, and airport design and layout. Mr. Wasia has worked in Wisconsin, Big Sky, Bozeman and Belgrade, Montana on various development and municipal improvement projects. He has experience with WaterCad, water distribution system modeling, community reservoir & storage tank sizing and multiple pressure zone water distribution system design. His development experience includes residential, large commercial plazas, business parks, and resorts. He has also designed and surveyed 50 miles of mountain roads in the Big Sky and Bridger, Montana area. He has background experience in Site layout, Hydrological Analysis, Residential Development & Water Distribution System Modeling. He has developed software for detention pond/outlet structure design and analysis. He is also responsible for digital terrain modeling, mass balancing, completing layouts for storm water distribution systems, sanitary sewer and various multiple pump modeling scenarios. Chris also completes floodplain analysis and permitting.

### **PROFESSIONAL ASSIGNMENTS**

2008 to Present Northwest Land Consultants, PLLC  
2008 to Present Genesis Engineering, Inc.  
1995 to 2008 Morrison-Maierle, Inc.  
1992 to 1995 Held and Associates, Inc

### **RELEVANT EXPERIENCE**

- Billion Auto Plaza Nissan, GM & Chrysler Commercial Sites (total of 125,000 sqft of buildings)
- J & D Mixed Use Subdivision and Construction Administration
- YP Big Sky, 1600 acre Resort Development
- Gallatin Field AIP from 1996-2000, Belgrade, MT
- Gallatin Center Commercial Subdivision, Bozeman, MT
- Zoot Enterprises Headquarters - 450 office complex, Site Plan & construction administration, Bozeman, MT
- Yellowstone Preserve Livingston – Design 850 unit Subdivision, Livingston, MT
- Target Stores Site Plan and Construction Administration, Bozeman, MT
- Holiday Stores Site Plan, Bozeman, MT
- Stoneridge Commercial Development Grading and Drainage Plan, Bozeman, MT
- Harvest Creek Grading and Drainage Plan, Bozeman, MT
- Spanish Peaks Resort Subdivision, Big Sky, MT
- Porcupine Park Estates, Big Sky, MT
- Big EZ Estates, Resort Development, Big Sky, MT
- Galactic Park Mixed Use Subdivision Design and Construction Administration, Bozeman, MT
- Westwynde I & II Subdivision, Madison, WI
- City of Bozeman Street and Sidewalk Improvements, Bozeman, MT
- City of Bozeman Hyalite Water Transmission Line Design & Modeling
- City of Bozeman Northwest Trunk Water Line Design & Modeling multiple pressure zones
- Manley Meadows Subdivision, Bozeman, MT
- Village of Mt. Horeb Street Restoration Projects 1993-1995, Madison, WI