

## Dwight Miller, PE

Parametrix Program Manager of Environmental Planning and Compliance

Proposed Position: Expert Witness

Dwight has sited and permitted solid waste projects throughout the Northwest and Hawai'i during his 26 years at Parametrix. These have ranged from composting and recycling facilities to landfills and transfer facilities. Dwight continues to provide visionary ideas and strong management skills as project manager, principal-in-charge, and senior engineer, with particular strength facilitating client and public groups in identifying and evaluating project alternatives. Most of Dwight's projects have been large, multidisciplinary projects that required managing teams with many Parametrix staff and multiple subconsultants. Dwight has also managed wastewater treatment projects, including the evaluation of biosolids treatment, use, and disposal options. Dwight's expert witness and administrative hearing support has ranged from legal support of clients on ongoing projects to specific assignments as a third-party expert.

**Firm:** Parametrix  
**Years with the Firm:** 26  
**Total Years of Experience:** 26  
**Employment History for the Last 5 Years**

Parametrix, 1985 – 2011, Program Manager of Environmental Planning and Compliance

**Education**

MS, Environmental Engineering, 1985  
BS, Environmental Science, 1984

**Professional Registrations and Licenses**

PE (Civil), WA 1989, HI 1991, ID 1989, MT 1991



**Cathcart Transfer Station Master Planning – Snohomish County, Everett, WA.** *Goal:* Develop innovative, yet cost-effective, recycling and transfer station options for replacing interim transfer station. *Responsibilities:* Senior project manager/engineer providing support to prime consultant and Parametrix staff in developing alternatives for waste handling, access, materials recovery, and the ultimate disposal of non-recyclable solid waste. *Outcome:* Parametrix was the key contributor to developing options and evaluation of their cost-effective application for county needs at the site.

**Cedar Hills Regional Landfill Site Development Plan Engineering Services – King County, Seattle, WA.** *Goal:* Develop a site development plan that provides continued environmentally and economically sound solid waste disposal for King County. *Responsibilities:* As environmental engineering lead on this multi-firm team, oversaw the development of site development alternatives, criteria for alternative evaluation, and selection of preferred alternatives for further study. Managed Parametrix staff in meeting budget within the County's and prime consultant's specified schedule, with no additional budget allocation. *Outcome:* The preferred alternatives proceeded through detailed design development to determine additional volume achieved, potential environmental impacts, and relative cost.

**Pierce County Landfill Siting Study – Pierce County Public Works and Utilities, Tacoma, WA.** *Goal:* Screen potential areas for the siting of a new landfill. *Responsibilities:* Managed a multidisciplinary team in conducting countywide screening of potential areas for landfill sites (Phase 1) and developing broad and focused site evaluation criteria and methodology (Phase 2). The approach successfully integrated GIS with traditional data sources to develop presentation materials that aided in securing

County Council approval to proceed with additional study. Managed the effort to create decision-making tools meeting the county's needs, even with changing project objectives and regulatory requirements. Managed Parametrix staff and three specialty subconsultants to deliver the project within the modified schedule and budget. *Outcome:* We delivered the study and GIS folio on time and within budget, even as project scope changed to accommodate evolving political and public expectations.

**Wastewater Treatment Plant Upgrade – Duvall Public Works Department, Duvall, WA.** *Goal:* Upgrade the wastewater treatment plant to allow the City of Duvall to remove a building moratorium put in place until the plant could serve the needs of the growing community. *Responsibilities:* Project manager for planning and permitting, and principal-in-charge for design and construction services. Oversaw initial facility planning and engineering, outfall replacement, and treatment plant upgrade to a state-of-the-art system employing membrane bioreactor technology. Managed numerous subconsultants (geotechnical engineering, archaeology, noise, and odor) and facilitated planning and design meetings with city staff, officials, and the public. *Outcome:* This cutting-edge facility allowed the city to use its existing site with room remaining for future expansion. In 2006, the facility received the APWA state and national environmental awards, and the Washington State ACEC gold award for engineering excellence.

**Additional Relevant Projects**

- ✓ Okanogan County Central Landfill
- ✓ Maui County SWMP and Central Landfill
- ✓ Sonoma County SWMP
- ✓ Kapaa Landfill Closure Design – Honolulu, HI
- ✓ Palailai Landfill Post-Closure Engineering - Grace Pacific



**Ramsey Road Transfer Station and Reuse Facility and Landfill Gas Collection – Kootenai County Solid Waste, Coeur d’Alene, ID.** *Goal:* Site, design, permit, and provide construction services for a new transfer station to meet the long-term needs of the county. *Responsibilities:* Managed the design and construction services for this integrated solid waste handling facility. Managed several locally based subconsultants (architect, survey, civil engineering, and geotechnical) to ensure meeting the county’s goals for local firm participation. *Outcome:* The design, permitting, and construction services for developing the transfer station met project schedules and budget, even with extreme winter conditions.

**Ephrata Landfill – Grant County Public Works Department, Ephrata, WA.** *Goal:* Bring an existing landfill into compliance with state regulations and site, permit, and design a replacement landfill. *Responsibilities:* As project manager and now as

principal-in-charge, oversee preparation of preliminary engineering, permit documents, and final design for landfill expansion, landfill closure, and site remediation under the state’s Model Toxics Control Act. Prepared an options study to evaluate the cost/benefit of continued in-county landfilling with longhauling to a regional landfill. Managed the update of the existing landfill solid waste permit to meet current state solid waste regulations. Engaged with county staff, officials, and other potentially responsible parties (PRPs); managed the efforts of subconsultants; and collaborated with consultants of the other PRPs to ensure remedial actions meet regulatory requirements while staying within the local agencies’ funding allocation. *Outcome:* We completed the multiple work authorizations within schedule and budget, while ensuring effective communication with regulator and PRP stakeholders.

Project and Location	Owner/Owner’s Representative	Similar Scope and Complexity Elements	Role and Responsibilities
Cathcart Transfer Station Master Planning Everett, WA	Snohomish County Solid Waste Division 425.388.3425	<input checked="" type="checkbox"/> Alternatives Development <input checked="" type="checkbox"/> Master Planning <input checked="" type="checkbox"/> Public Involvement	Senior Project Manager
Cedar Hills Regional Landfill Site Development Plan Engineering Services Seattle, Washington	HDR, Eric Mead, PE (client) King County Solid Waste Division (owner) Mizanur Rahman, PhD, Engineer III 206.296.8444	<input checked="" type="checkbox"/> NEPA/SEPA Documentation <input checked="" type="checkbox"/> Conceptual Design <input checked="" type="checkbox"/> Public Involvement <input checked="" type="checkbox"/> Land Use Permitting	Project Manager – Managed project scope, schedule, and budget and facilitated Parametrix role in engineering and EIS technical documents.
Pierce County Landfill Siting Study Tacoma, Washington	Pierce County Solid Waste Division 253.798.7250 Steve Wambach, Director 253.793.2179	<input checked="" type="checkbox"/> NEPA/SEPA Documentation <input checked="" type="checkbox"/> Conceptual Design <input checked="" type="checkbox"/> Public Involvement <input checked="" type="checkbox"/> Land Use Permitting	Project Manager – Managed project scope, schedule, and budget and facilitated project delivery.
Wastewater Treatment Plant Upgrade Duvall, Washington	Duvall Public Works Department 425.788.3434 Steve Leniszewski, PE, Director 425.788.3434	<input checked="" type="checkbox"/> Facility Property Siting <input checked="" type="checkbox"/> NEPA/SEPA Documentation <input checked="" type="checkbox"/> Conceptual Design <input checked="" type="checkbox"/> Public Involvement <input checked="" type="checkbox"/> Land Use Permitting <input checked="" type="checkbox"/> Property Acquisition Services	Project Manager – Managed project scope, schedule, and budget and facilitated project delivery including engagement of subconsultants.
Ramsey Road Transfer Station and Reuse Facility and Landfill Gas Collection Coeur d’Alene, Idaho	Kootenai County Solid Waste 208.446.1000 Roger Saterfiel, Director 208.446.1430	<input checked="" type="checkbox"/> Facility Property Siting <input checked="" type="checkbox"/> NEPA/SEPA Documentation <input checked="" type="checkbox"/> Conceptual Design <input checked="" type="checkbox"/> Public Involvement <input checked="" type="checkbox"/> Land Use Permitting	Project Manager – Managed project scope, schedule, and budget, and extensive use of subconsultants.
Ephrata Landfill Grant County, Washington	Grant County Public Works Department 509.754.6082 Derek Pohle, PE, Director 509.754.6082	<input checked="" type="checkbox"/> NEPA/SEPA Documentation <input checked="" type="checkbox"/> Conceptual Design <input checked="" type="checkbox"/> Public Involvement <input checked="" type="checkbox"/> Land Use Permitting <input checked="" type="checkbox"/> Property Acquisition Services	Project Manager – Managed project scope, schedule, and budget and facilitated project delivery.

**Dwight E. Miller, PE**

**Parametrix, Inc., Bellevue, Washington**

**Project Litigation and Expert Witness Experience** (many more projects included testimony at administrative hearings for various land use and solid waste permits.)

**Kootenai County, Idaho**

As project manager/engineer, Mr. Miller provided technical testimony in the County's defense of a civil suit regarding erosion and offsite sedimentation from a construction-related discharge during construction of a new landfill cell. Testimony related to questions of design, standard of practice for erosion control, and engineering services during construction.

**Whatcom County, Washington**

Mr. Miller supported the county's outside council in a flow control case that considered the county's use of disposal priorities in determining how solid waste could be disposed. Mr. Miller provided current (1995) understanding of solid waste reduction, recycling, and disposal priorities and practices.

**King County, Washington**

Mr. Miller provided expert testimony regarding state of the practice in erosion control and sediment reduction in removing old railroad ties and regrading ballast for the development of a recreational trail. Testimony was for defendant (King County) under the King County Prosecutor, Civil Division. Hearing was in King County district court and resulted in finding for King County.

**Everett, Washington**

Mr. Miller provided multiple deposition testimony relating litigation in federal and state court regarding unpermitted filling of wetlands by Pacific Topsoils at their Everett, Washington, facility. Testimony was associated with chronology and technical findings of wetland delineation and permit support that Parametrix had earlier conducted for Pacific Topsoils.