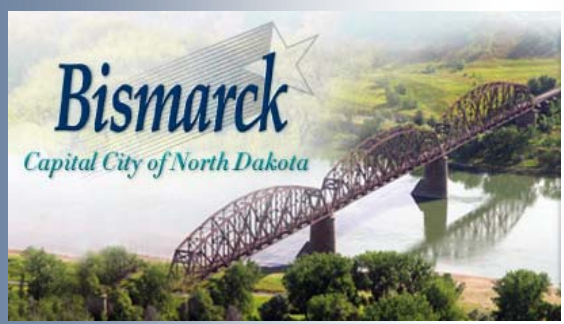
Proposal for:

Consulting Services for Post-construction Siting Inspections



RPF Number: PU-10-123

Prepared for:

North Dakota Public Service Commission

May 26, 2010

Wenck
Engineers • Scientists

301 1st Street NE, Suite 202, Mandan, ND 58554 PH: 701-751-3370 FX: 701-751-3372

Table of Contents

Section 1: Introduction

This proposal's format and content, as set out in the Request for Proposal (RFP), includes the Introduction (below), Project Understanding (Section 2), Methodology (Section 3), Experience and Qualifications (Section 4) and the Cost Proposal (Section 5). Project resumes are available in Appendix A. Appendix B contains draft copies of a Site Inspection Form and a Table of Contents for a Site Inspection Report.

Corporate Information and Contact

Wenck Associates, Inc. (Wenck) is a leader in engineering, environmental, and business services. We provide our clients a full spectrum of services related to infrastructure, water, air, land, and waste. Wenck has one goal: providing its clients the best possible service to meet their needs.

Founded in 1985, Wenck is an employee-owned corporation that has grown to more than 120 engineers, scientists, and support staff at three offices in Minnesota (Maple Plain, Woodbury, Windom), two offices in North Dakota (Mandan, Fargo) one office in Wisconsin (La Crosse) and one office in Georgia (Atlanta). Since our inception in 1985, we have prided ourselves in meeting our client's project expectations (deliverables, schedule and cost). This is evident in that over 80% of the clients we serve are repeat clients, some since 1985.

Wenck Associates is currently working with the MN Department of Commerce, Minnesota's counterpart to the North Dakota Public Service Commission (PSC), providing services related to energy conversion and transmission siting projects. In addition, Wenck has completed numerous site inspections related to providing our clients municipal, construction and regulatory assistance. The individuals we have designated to provide post-construction services have experience in site inspections, construction oversight, site restoration and are from our Mandan and Fargo, North Dakota offices. Section 3 of this proposal provides additional information on our experiences and qualifications.

Wenck is an approved vendor under the State's bidders list for all four (91897, 92535, 92555, and 92683) of the commodities codes identified in the Request for Proposal (RFP).

Kevin Magstadt, P.E., in our Mandan office will serve as the client manager and the contact for questions related to this proposal. Kevin's contact information is as follows:

Kevin Magstadt, P.E.
Wenck Associates, Inc.
301 1st Street NE, #202
Mandan, ND 58554-3370

Phone: 701-751-3370
Fax: 701-751-3372
E-mail: kmagstadt@wenck.com

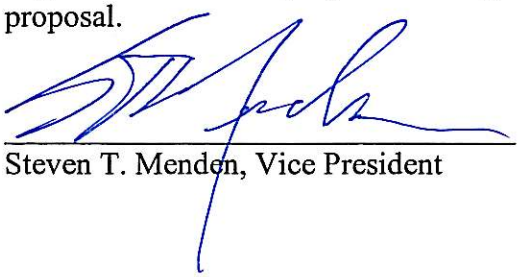
Section 1: Introduction

Statement of Compliance and Conflict of Interest

By submitting this proposal, Wenck agrees to comply with all the provisions in the RFP for this project (Number PU-10-123). Neither the firm nor any of the individuals proposed to work on this contract have any actual or potential conflicts of interest in performing this work.

Authorized Signature

Wenck's Vice President, Steve Menden is empowered to bind the company to any contract that might result from the proposal. His signature appears below and in the cover letter to this proposal.



Steven T. Menden, Vice President

Section 2: Project Understanding

Project Purpose

We understand that the PSC is soliciting a proposal from Wenck to provide services related to post-construction inspections of energy conversion and transmission facility siting projects approved and filed under ND Century Code Chapter 49-22.

Wenck has read the RFP (Number PU-10-123) dated April 28, 2010 and in this section and the following sections illustrate our understanding of the project, the methodology proposed to complete the project, experience and qualifications and the cost associated with completing the project.

Project Understanding

It is our understanding that the PSC is requesting post-construction services for 23 energy conversion and transmission facility siting projects. In general this is our understanding of the project:

- Project start date (contract award) of approximately June 17, 2010, with contract closeout of June 30, 2011.
- Post-construction inspections need to be completed to ensure the projects were completed in compliance with applicable siting laws and rules; and Findings of Fact, Conclusion of Law and Order.
- A current list of the siting projects was attached to the RFP (Attachment 6).
- A portion of the application fee, as identified in Attachment 6, is retained for post-construction inspections, this amount cannot not be exceeded.
- These siting projects are located throughout the state of North Dakota.
- Site inspections must be completed, prompt reporting of suspected non-compliance reported back to the Commission, and an inspection report (as applicable) must be provided for each site, certifying compliance.
- The PSC will work with Wenck, on a limited basis, to identify the post-construction projects, relevant law and rules, and commission precedent.
- The PSC will not provide property or equipment; these are the responsibility of Wenck.
- Payments will be made on a monthly basis and performance will be monitored for each siting project.

Project Deliverables

Wenck has identified three main project deliverables. Please refer to the Methodology Section (Section 3) of this proposal to find additional information on Wenck's approach to providing these deliverables which include:

- Standardized formats for the Site Inspections Form and Site Inspection Reports; and an agreed upon schedule.
- A 'living' spreadsheet which will periodically be updated and provided to the PSC with the status (planned inspection date, completion date, outstanding issues, cost, etc.) of the site inspections.
- A Site Inspection Report for each post-closure site that meets the needs of the PSC and accurately documents that the facility construction was completed as required.

Section 2: Project Understanding

Project Schedule

Wenck understands that the contract award date is currently scheduled to be around June 17, 2010 and that the contract expiration date is June 30, 2011. We also understand that these post-construction site inspections are located throughout the State of North Dakota and should be done during the growing season by a smaller, designated group of individuals, assuring greater consistency in how the inspections are completed. Utilizing this basis of understanding, Wenck provides the following scheduled milestones for completing this project.

Milestone	Anticipated Start Date	Anticipated Completion Date	Comment
Award Contract	June 17, 2010		
Meeting with PSC	June 28, 2010	June 28, 2010	Please refer to Task 1 under Methodology
Post-Construction Site Inspections	July 5, 2010	September 17, 2010	Please refer to Task 2 under Methodology
Site Inspection Reports	September, 2010	November, 2010	Please refer to Task 3 under Methodology
Follow-up inspections, if needed	Spring 2011	Spring 2011	Please refer to Pertinent Issues below
Contract closeout		June 30, 2011	

During the meeting with the PSC (Task 1) a detailed schedule will be discussed and revised as necessary to meet the needs of the PSC.

Project Contract Terms and Conditions

Wenck has reviewed Section 4 (general contract information), Attachment 1 (Purchase of Service Agreement) and Attachment 2 (Indemnification & Insurance Requirements) of the RFP and find the terms and conditions acceptable.

Project Pertinent Issues

Wenck has identified the following pertinent issues in responding to this RFP. None of these issues are insurmountable and by identifying these issues and addressing them in our proposed approach we can resolve, minimize, or avoid them.

Variability of Sites

The variability of the sites, number of sites and general wide dispersion throughout the State of North Dakota provides challenges to completing this project in a timely and cost effective manner while still assuring a high-quality deliverable is provided, meeting the needs of the PSC.

Wenck is addressing this issue by proposing to meet early with the PSC to establish a site inspection protocol, schedule, and final report format. In addition, by designating experienced personal to this project from our Mandan and Fargo offices and planning to undertake multiple site inspections per trip we can complete this project in a timely and cost effective manner.

Section 2: Project Understanding

Schedule and Communication

The need to complete the site inspections during the growing season on an array of diverse sites requires the development of a flexible schedule and the need for periodic project communication updates with the PSC.

Inevitably some of these sites might have compliance issues. Some of these issues may result in the need for a follow-up visit (for example site restoration, which may require re-seeding), possibly in the next growing season. We have structured our schedule to complete all of the site inspections during the summer of 2010, focusing on the final reports the fall of 2010. This approach would still allow follow-up visits to occur during the fall of 2010 or spring of 2011, if needed.

As identified in the RFP, Wenck will promptly contact the PSC upon the identification of items of non-compliance. In an effort to keep the PSC abreast of the status of the different post-closure inspections, Wenck is proposing the development of a 'living' spreadsheet which will periodically be updated and provided to the PSC with the status (planned inspection date, completion date, outstanding issues, cost, etc.) of the site inspections.

We believe this approach on schedule and communication will facilitate completing this project while still allowing flexibility to address issues and keep the PSC informed on the progress and status of the inspections.

Section 3: Project Methodology

Project "Mix"

For the project to be successful it will requires a blend of efficiency and flexibility. The efficiency to get the tasks completed in a timely manner and well within budget. The flexibilty to handle varying post-construction siting inspections situations as well as the safety concerns at the facilities being inspected.

Since travel to and from a site could be a significant part of this project budget, Wenck will make every effort to conduct multiple inspections per trip. Combining project inspections is one of the ways Wenck can provide efficiency in completing this project under budget.

The Wenck Senior Field Inspector has over 11 years experience conducting environmental inspection in North Dakota, Minnesota, Wisconsin, Iowa, South Dakota, Wyoming, and several other states. The senior inspector is not only 40-hour HAZWOPER and HAZMAT certified, as are all Wenck Field Inspectors, but has also completed the safety programs for many of the energy companies operating in North Dakota, including Marathon, Conoco-Philips, EOG, and Enbridge.

Wenck field personnel maintain up to date safety training and possess the necessary equipment to meet the needs of the various inspection sites. In addition, to the project manager (Kevin Magstadt), lead field inspector (Bill Seuss) and the other field inspectors (Andrew Feia and Chad Perlenfein); Wenck has botanists, field ecologists, and wetland specialists available should they be needed. Wenck also maintains a close working relationship with archaeologists, historians, and other cultural resources specialists who we can draw upon, if needed.

Below Wenck has identified three major tasks, their objectives, activities and deliverables, these tasks include:

Task 1: Project Start-up Meeting

Objective:
The objective of this task is to meet with PSC staff, prior to initiating the site inspections, to establish a common approach for completing the post-construction site inspections.

This task will include:

- A meeting with PSC staff to gather available information (siting plan, location and site contact information, etc.) about each site and discuss the projected schedule of completion.
- Developing a site inspection template or checklist.
- Establishing a format for the site inspection reports.

Wenck has attached a draft site inspection form and a draft table of contents for the inspection report. These are two items, along with the schedule of completion that can be discussed during the meeting related to Task 1.

Section 3: Project Methodology

Activities:

1. Meeting with PSC.
2. After meeting with the PSC, the Wenck team will finalize the draft site inspection form and report format to assure consistency is maintained for all site inspection reports submitted to the PSC.
3. Finalize the site inspection schedule.

Deliverable:
Standardized formats for the Site Inspection Form, Site Inspection Reports and an agreed upon schedule.

Task 2: Site Inspections

Objectives:
The objective of this task is to ensure that the facility construction was completed in accordance with the North Dakota Century Code Chapter 49-22 Energy Conversion and Transmission Facility Siting Act and complies with all aspects of the Siting Plan as approved by the PSC.

This task will include:

- Completing the site inspections.
- Keeping the PSC aware of outstanding issues and the status of individual site inspections.
- Completing the site inspection forms.

Activities:

1. Review the Siting Plan and requirements for the inspection:
    - Siting Plans will be reviewed by the Senior Field Inspector to determine site-specific inspection requirements.
    - The Senior Field Inspector will review all projects and assign field inspections based on location and critical technical elements facilitating logistics.

2. Contact facility owner to coordinate site visit and determine safety requirements, as necessary.

3. Conduct Site inspections:
    - Review site information including the Siting Plan
    - Complete visual inspections (site inspection checklist) including clear-cuts, grading, re-seeding, topsoil, critical habitat and cultural resources avoidance, and compliance with the tree and shrub mitigation plan.
    - Coordinate multiple inspections per trip, as applicable

4. Complete Site inspection forms and detail inspection process:
    - Document methodology used to conduct inspection.
    - Identify and map specific inspection locations.
    - Complete site inspection forms.

Section 3: Project Methodology

Deliverable:
A 'living' spreadsheet will periodically be updated and provided to the PSC with the status (planned inspection date, completion date, outstanding issues, costs, etc.) of the site inspections.

Task 3: Site Inspection Reports

Objective:
The objective of this task is to provide a Site Inspection Report for each post-closure site that meets the needs of the PSC and accurately documents that the facility construction was completed as required.

This task will include:

- Completing a draft Site Inspection Report.
- Internal draft report review for completeness by project manager or lead field inspector.
- Draft report review by PSC.
- Addressing PSC comments and the submittal of the final Site Inspection Report.

Activities:

1. Internal draft Site Inspection Reports:
   - An internal draft inspection report will be compiled and will be reviewed by the project manager or senior field inspector for technical content, grammatical errors and that all aspects of the inspection plan were adhered to.
   - Internal draft will be revised and submitted for PSC review.

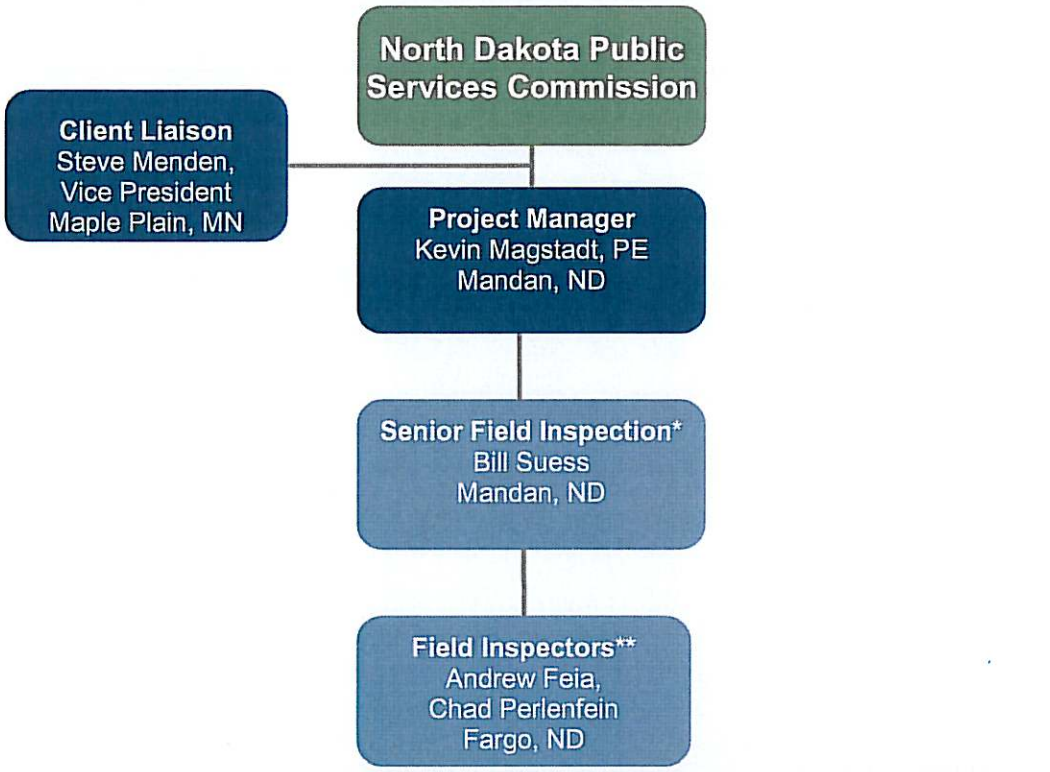
2. Review of draft report by PSC.

3. Final Inspection Report:
   - Address comments provided by PSC on draft inspection reports.
   - Submit final inspections reports to PSC.

Deliverables:
Provide a Site Inspection Report for each post-closure site that meets the needs of the PSC and accurately documents that the facility construction was completed as required.

Section 4: Experience & Qualifications

The following section provides information on the personnel who will be designated to this project, the organization of the team, title, and their designated role. A copy of the personnel resumes is located in Appendix A. Hours designated per individual and task is provided in Section 5 - Cost Proposal. In addition, this section contains an experience matrix and project examples.

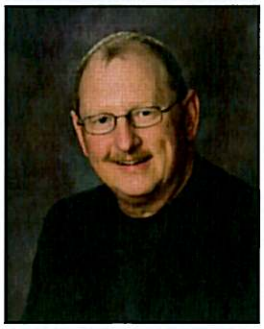


*** Other Wenck personnel available to address issues, if the need arises:**
Susan Nelson – Botanist
Wes Boll – Wetland Specialist
Jeff Madejczyk – Environmental Scientist
Dave Parenteau – Construction Manager
**** Anticipated to be used for post-construction sites located in eastern portion of North Dakota.**

Energy Industry Experience

Our list of energy clients includes Xcel Energy, Minnesota Power, Montana-Dakota Utilities, Calpine Corporation, NRG Energy, Inc., OtterTail Power, Southern Minnesota Municipal Power Agency, Wisconsin Public Service Corporation, along with several municipalities and large steam-using industrial clients. Our alliance with these and other clients has brought us vast experience in the energy industry including environmental review and assessment, due diligence, compliance support, waste management, air quality permitting and site remediation.

Section 4: Experience & Qualifications



Kevin Magstadt, PE, Project Manager

Mr. Magstadt will be the project manager for the post-construction inspection project. As project manager he will be responsible for management of the project including communicating with PSC, project shcedule, personnel coordination and project cost. Kevin has more than 29 years of experience in the engineering field in many different aspects including 13 years in the mechanical systems design and construction administration. He also has more than 16 years of experience that relate to client, community and government relations across the states of North Dakota, South Dakota, Montana, Wyoming and Minnesota. His experience in Renewable Energy, which includes a landfill gas to energy project in Billings, MT that is under construction, lends itself well to this project.

Steve Menden, QEP, CHMM, Vice President, Client Liaison

As client liaison, Mr. Menden's role is to assure the client's needs and expectations are being met. His other responsibility is to assure that the necessary company resources are available to complete the project effectively and efficiently. Steve brings nearly 20 years of project management experience in the environmental consulting arena. This includes directing and assisting teams in the completion of multi-media compliance audits and the development of corrective action plans, evaluating, developing and helping implement waste management strategies, completing and managing environmental assessments and remediation projects, and representing clients during environmental review and permitting procedures.

Bill Suess, Senior Field Inspector

Mr. Suess will serve as the lead inspector and will be assisting in the coordination of the scheduling of the inspections and associated logistics. Bill has 11 years of experience on diverse projects including soil and groundwater investigation, due diligence, and environmental compliance. He has worked with both public and private industry in Minnesota, Wisconsin, Illinois, Iowa, Michigan, Montana, Wyoming, South Dakota, and North Dakota. Specialties include due diligence and environmental compliance.

Andrew Feia, Environmetnal Scientist, Field Inspector

Mr. Feia will serve as a field inspector for sites predominantly located in the eastern portion of North Dakota. Andrew will also assist in preparing the field inspection reports. Andrew joined Wenck after completing his internship with Facilities Management Office- Environmental (FME),

Section 4: Experience & Qualifications

Camp Ripley in October 2008. His professional duties focus on general environmental compliance, groundwater well installation and monitoring, laboratory data analysis, and construction.

Chad Perlenfein, Construction Oversight, Field Inspector

Mr. Perlenfein will serve as a field inspector for sites predominantly located in the eastern portion of North Dakota. Chad will also assist in preparing the field inspection reports. He has 15 years of experience in construction related activities including drafting and design, estimating and construction management oversight.

Project Experience

Client/Project	General Construction Inspection	Construction Stormwater Inspections	Erosion and Turf Establishment Inspections	Reclamation Requirements	Groundwater/Surface Water Monitoring	Post Construciton Start Up Services	Siting Studies	Ecological Requirements
Montana Dakota Utilities	X	X	X			X		
City of Fargo	X	X	X		X	X		
MN Department of Commerce				X			X	X
Xcel Energy AS King Disposal Facility	X	X	X		X	X	X	
Canola Oil Plant	X					X		X
Murphy Warehouse	X	X	X		X			X
Metro Metals	X	X	X		X			
Shingle Creek	X	X	X	X	X			X
Prior Lake Outlet Channel	X	X	X	X	X			X
Fibrominn							X	X
City of Delano	X	X	X					
City of Windom	X	X	X					
American Crystal Sugar Company	X	X			X	X		X
Minnesota Steel				X			X	X

Section 4: Experience & Qualifications

References

Montana-Dakota Utilities Co.
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Bismarck, ND 58501

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Deborah Pile
Energy Facility Permitting
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St. Paul, MN 55155

Phone: 651-297-2375
Email deborah.pile@state.mn.us

City of Fargo
Mr. Bruce Grubb
Division of Solid Waste
City of Fargo
2301 8th Avenue North
Fargo, ND 58102

Phone: 701-241-1449
Email: bpgrubb@ci.fargo.nd.us

Project Examples

Billings, Montana, Gas-to-Energy System

Wenck is currently working with the City of Billings, Montana and Montana Dakota Utilities Co. on a landfill gas to energy development project that will clean the landfill gas up to pipeline quality and be injected into the natural gas distribution system. Montana Dakota Utilities Co. will own and operate the cleanup system, while controlling the gas rights and paying a royalty to the City of Billings for the gas. Wenck's role has been to do the feasibility study assessing potential end uses for the gas, work with regulatory agencies to revise air and solid waste permits accordingly, prepare construction bid documents for the first phase of construction, assist with the assessment of construction bids, research potential funding opportunities to assist with the financing of this project, provide construction field services, and assist with system start-up.

Other services that Wenck is proposing to assist Montana-Dakota Utilities Co. include:

- River bank stabilization at a Sidney, Montana power plant site.
- Assist with the remediation at various Manufactured Gas Plant sites.
- Air permit assistance at different oil/natural gas production sites.
- EA and siting assistance for different natural gas transmission pipeline expansions.

Section 4: Experience & Qualifications

City of Fargo

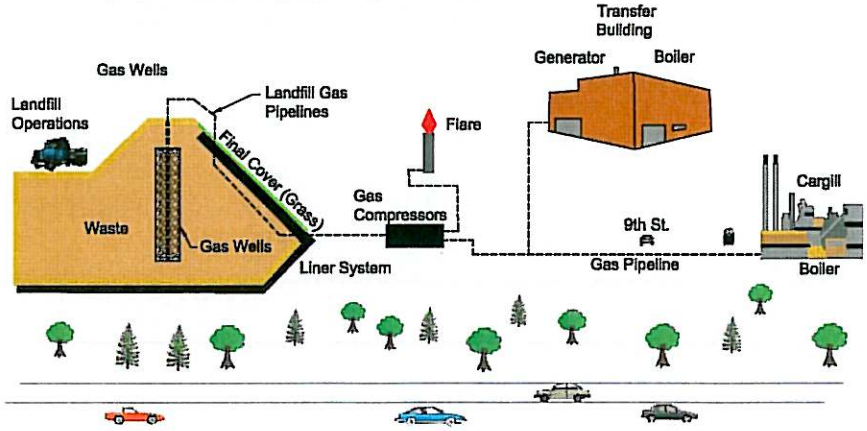
The City of Fargo currently owns and operates several waste handling facilities on approximately 336 acres of publicly-owned land. Wenck began providing engineering services to the City in 1989 with design and permitting assistance to the City for one of the first Subtitle D Landfill Facilities in the State of North Dakota. The landfill has faced many issues throughout the years with essentially being an urban landfill. Construction of a new industrial park and improvements to surrounding streets have increased the number of people traveling and working in close proximity of the landfill. This has increased the number of complaints on blowing litter and odor.

The Fargo Landfill is a cutting edge facility that not only landfills incoming waste they also collect and transports landfill gas to an off-site user for use as a boiler fuel, generates electricity with a reciprocating engine powered from landfill gas, and operates two on-site dual fueled boilers (landfill gas and natural gas). The landfill also generates electricity from an on-site wind turbine and solar panels.

Throughout the years Wenck has provided design and construction oversight services for various projects at the facility including:

- thirteen (13) landfill cells
- Final landfill closure of approximately thirty eight (38) acres
- Initial active gas collection system and three expansions
- Electrical generator installation
- Leachate dewatering system for an old waste mass (directional drilling of collection pipes)
- Old Landfill waste excavation project
- Baling facility construction (including wind turbine and solar panels)
- Yard waste composting

In addition to the above projects, Wenck provides assistance to the City in the operation of their landfill, composting, household hazardous waste collections, air and solid waste permitting, environmental monitoring system and project planning.



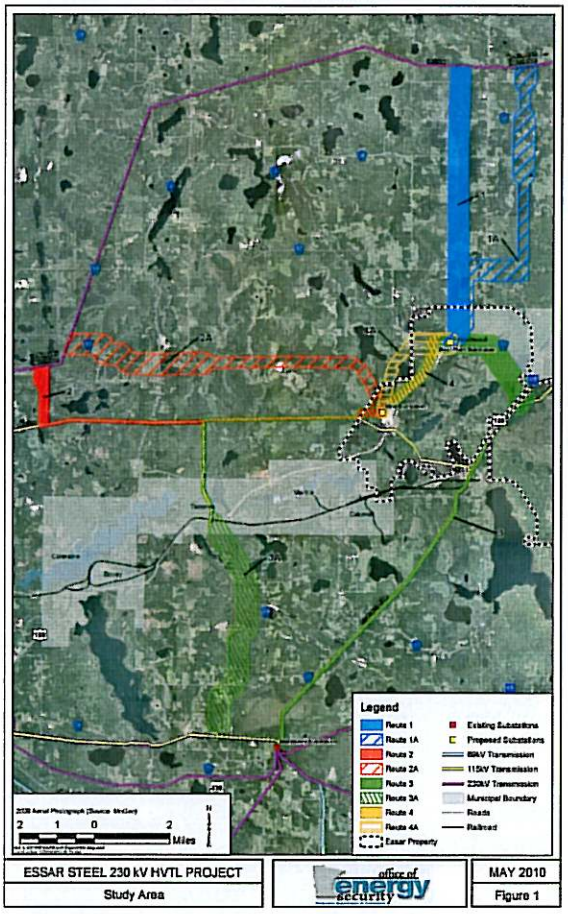
Section 4: Experience & Qualifications

MN Department of Commerce

Essar Steel 230 kV High Voltage Transmission Line Environmental Impact Statement

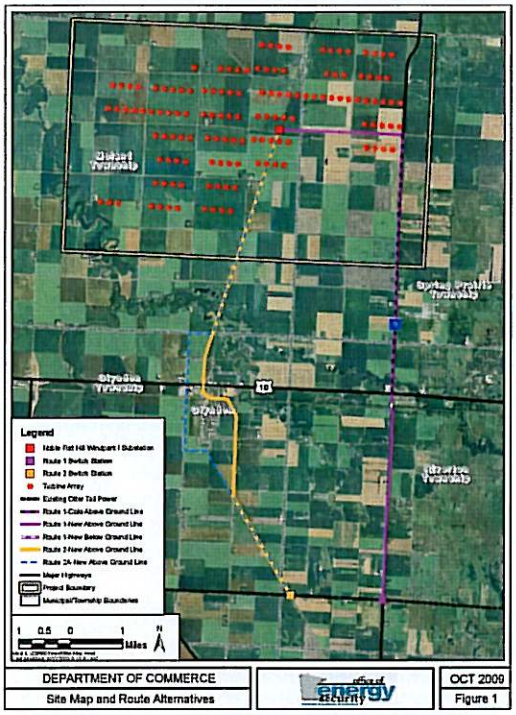
Wenck was contracted by the Minnesota Department of Commerce – Office of Energy Security (OES) to assist with the preparation of an Environmental Impact Statement (EIS) for the proposed Essar Steel 230 kV High Voltage Transmission Line (HVTL). Essar Steel has received permits from the Minnesota Department of Natural Resources to construct and operate and Taconite Mine and a Steel Slab Plant near Nashwauk, MN. The proposed facility will require a significant amount of electric power when fully operational. In order to adequately supply the required power to both the taconite mine and steel mill, multiple 230 kV HVTLs would need to be constructed. Under Minnesota Rules, an EIS must be prepared for all HVTLs that request a Route Permit from the Public Utilities Commission (PUC), which are greater than 200 kV and exceed one mile in length.

Wenck worked directly with the OES, and the proposed proposers which include Minnesota Power and Nashwauk Public Utilities, the two entities that will own and operate the HVTLs that deliver power to the Essar Steel facilities. The proposed project included two new substations and four 230 kV HVTL lines. Under Minnesota rules, each proposed HVTL route must also have at least one alternative route analyzed within the EIS. Wenck completed the analysis for potential environmental impacts at two levels: within each proposed transmission line route and route alternative (which vary in width from 500 to 3000 feet) and along each proposed HVTL alignment. Environmental impacts that were analyzed within the EIS included proximity of the transmission lines to homes and residences; public health and safety, impacts to wetlands; loss of forested lands; property values; visual impacts; noise impacts and interference with transportation. The Final EIS, including responses to comments on the Draft EIS was completed in May 2010.



Section 4: Experience & Qualifications

Noble Flat Hill Windpark and Transmission Line Environmental Impact Statement



Wenck was contracted by the Minnesota Department of Commerce – Office of Energy Security (OES) to assist with the preparation of an Environmental Impact Statement (EIS) for the proposed Noble Flat Hill 201 Megawatt Windpark and the associated ten mile long 230 kV High Voltage Transmission Line (HVTL). Under Minnesota Rules, an EIS must prepared for all HVTLs that request a Route Permit from the Public Utilities Commission (PUC), which are greater than 200 kV and exceed one mile in length. Minnesota Rules also require that an Environmental Report be prepared for all windparks that request a Site Permit, which are greater than 50 Megawatts in nameplate generating capacity. Due to the fact that the proposed Wind Park and HVTL were related and dependant projects, the PUC and the OES combined the requirements of the Environmental Report and the EIS into one environmental review document.

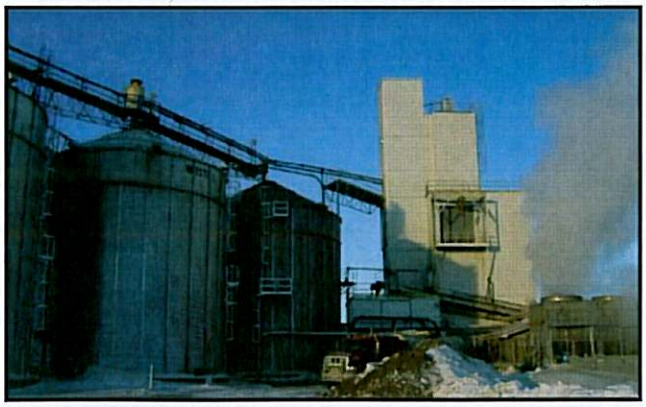
Wenck worked directly with the OES to prepare the first EIS in Minnesota that combined the Environmental Review requirements for a windpark and HVTL into a single analysis. Wenck worked directly with the OES and the project proposer through out the environmental review process including EIS scoping, completing the draft EIS, attending public meetings, addressing public comments, preparing the Final EIS and participating in the public hearing. Potential environmental issues associated with the proposed project addressed within the EIS included noise, visual impacts, property values, roads and transportation, human health, sensitive habitats, water quality and endangered species. The final EIS was approved as complete by the PUC in February 2010.

Xcel Energy – A.S. King Coal Ash Landfill

Wenck provided permitting, design and construction oversight of this composite lined landfill. This project included a unique groundwater diversion system and the first-in-state in-waste leachate storage. Wenck has provided design, permitting, construction and management support at Xcel's Minnesota and Colorado facilities.

Canola Oil Processing Facility

Wenck was the Lead Engineer for all engineering design services for a $160 million Canola Oil Processing Facility. As Lead Engineer, Wenck completed the in-house design services and managed all subcontractor design services. Wenck also completed the air permitting using air dispersion modeling.



Section 4: Experience & Qualifications

Wenck's project services totaled over 39,000 hours. Wenck utilized 3D Cadworx as the primary engineering design tool. Wenck led the mechanical design, electrical design, process/process piping design, site layout, and process controls design. Wenck managed the client selected subcontractors for civil and structural/architectural design services.

Wenck was part of the project's senior management team with the client and the construction manager. Wenck managed the project's FTP site, handling all documents for design and construction.

The Project consisted of:

- 15,000 design documents, drawings and isometrics
- Over 40,000 feet of installed pipe
- Over 3,600 valves
- Over 3,000 instruments

Wenck's approach consisted of management-integration of design with construction. This provided the client with a cost effective and successful construction effort with completion scheduled for spring 2010.

Murphy Warehouse

Murphy faced costly capital improvements and disruption of business at their 22-acre, 98% impervious facility due to escalating storm water utility fees and a looming city deadline to disconnect 7 acres of storm drainage from the City's sanitary system. The age of the site, its location in a highly urbanized area, the limited adjacent storm water utilities, the unknown underground conditions, and the grade of the site added to the complexity and expense of the problem.

Murphy turned to Wenck to evaluate on-site storm water management options. Instead of using a typical approach using standard but space-consuming Best Management Practices (BMPs), Wenck secured the client's backing for designing a creative approach to better utilize the characteristics of the existing site. Wenck took a comprehensive business approach and considered all storm water and site issues impacting the client. As a result, Wenck negotiated the first major storm water credit of this type in the City of Minneapolis on behalf of Murphy for an annual savings of $68,000. Wenck designed an innovative, beautiful storm water retrofit that exceeds city water quality requirements and eliminated another $24,000 in fines by disconnecting 7 acres of impervious area from the sanitary sewer system. This was accomplished in the tight confines of an urban facility where land is a premium, making the project a model that demonstrates how leading-edge Best Management Practices can be implemented at a highly urbanized, mostly impervious and flat site with old development.

Section 4: Experience & Qualifications

Metro Metals Recycling Corp.

Metro Metals Recycling Corp. commissioned Wenck to design a storm water management system to mitigate potential impacts of its activities on water quality and in anticipation of possible regulatory changes.

Wenck designed an underground system that enables this salvage business to exceed current regulatory requirements for on-site storm water treatment while conserving valuable real estate for its business activities. The system uses a front-end storm water management system for sediment removal and collection of immiscible liquids, and a tire shred "water safe". The innovative design is the first of its kind to use tire shreds as fill in a fully-contained storm water management system. Wenck provided services for the entire project from start to finish, including stormwater modeling and design, permitting, plans and specifications, bidding, surveying, construction oversight, verification testing, regulatory assistance, and reporting.

A number of design challenges added to the complexity of the project. First, the state's industrial storm water general permit had expired, so effluent standards for this type of industrial facility have not yet been established. Therefore, the design would have to exceed current and likely future water quality standards – a moving target. Second, the client had little to no room on site for storm water management, and the site was almost completely impervious. Going underground for storm water treatment was the only way to implement a system without negatively impacting the client's business. Third, site soils contained hazardous compounds, so to keep costs under control; excavation had to be kept to a minimum, which meant the solution had to have a smaller footprint than traditional pipes, culverts and tanks.

Compared to traditional aggregate, tire shreds have 60% more void space and are 20% lighter; therefore, the size of the pond could be reduced through the use of tire shred as fill. In addition, the structural capacity of tire shreds is roughly equivalent to aggregate. Combined, these properties make tire shreds an innovative, cost-effective option not only for previous applications, such as road beds, but also for storm water systems. Metro Metals would have lost at least 1.4 acres of surface area critical to business operations with an aboveground system. The cost of tire shreds in this application was also about 15% that of traditional aggregate.

The system is a model of innovation in storm water management. It demonstrates a cost-effective, proactive approach other businesses can use to mitigate storm water impacts of their operations without sacrificing valuable operating space. Potentially, the system is applicable anywhere an inexpensive, lightweight fill with high void space is required. In addition, the project enhances public perception of the client and the industry as environmentally responsible.

Section 4: Experience & Qualifications

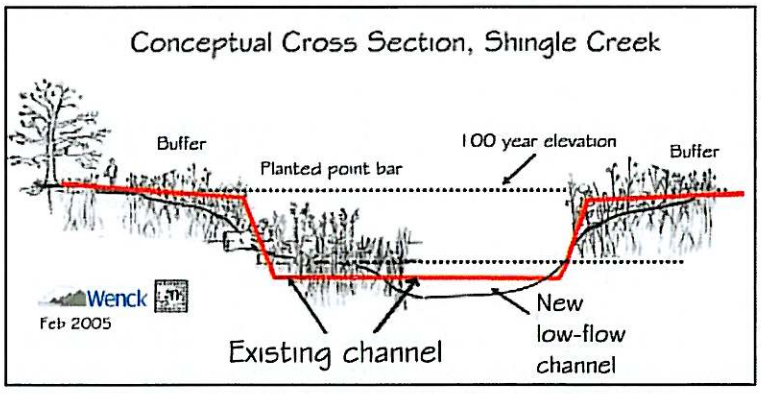
Fibrominn

Wenck was retained by Fibrominn in 1999 to provide environmental and engineering support services for development of the first poultry-litter-fired power plant in the United States in Benson, Minnesota. The 50-megawatt facility will utilize poultry litter as its primary source of fuel along with other secondary vegetative biomass materials such as alfalfa stems, oat hulls, and distiller grains. Wenck assisted Fibrominn with its initial site selection process collecting existing data, reviewing potential environmental and human impacts, identifying required permits and approvals, and analyzing site selection criteria for candidate sites.

Upon selection of Benson, Minnesota as the host community, Wenck worked with Fibrominn on the preliminary engineering design of the facility including conceptual site layout, storm water pond sizing, review of available water supply sources, and water balance calculations. Wenck completed a detailed environmental assessment for the project and served as Fibrominn's primary consultant responsible for obtaining environmental permits and approvals for the project from the U.S. Army Corps of Engineers, the Minnesota Environmental Quality Board, the Minnesota Department of Health, the Minnesota Department of Natural Resources, the Minnesota Pollution Control Agency, Swift County, the City of Benson, and the Federal Aviation Administration.

Shingle Creek Restoration

Wenck designed and provided construction management services for a City of Brooklyn Park, Minnesota, project that reconstructed 3,000 feet of Shingle Creek using biorestoration techniques. Shingle Creek is an 11-mile long urban stream in Hennepin County that conveys drainage from a 43-square mile watershed to the Mississippi River.



Shingle Creek has been channelized and dredged as a flat-bottomed, trapezoid-shaped channel to more efficiently convey high flows. However, at low flows the channel is overwide, and stream depth is just inches or even dry. Shingle Creek has been designated by the State of Minnesota as an Impaired Water, containing too much chloride from road salt and too little dissolved oxygen. It does not support a fish and macroinvertebrate community that would be expected in a stream of this size.

Section 4: Experience & Qualifications

The City of Brooklyn Park hired Wenck to design a stream restoration project to stabilize eroding streambanks, improve water quality, and enhance habitat and aesthetics. Wenck's design modified the stream from a ditched to a meandered stream reach with a native vegetation buffer stabilizing the stream banks and rock vane riffles providing grade control, reaeration, and new in-stream habitat.

Working through residential back yards, the old trapezoidal channel from Hampshire Avenue to Brooklyn Boulevard was reconstructed with a meandering low flow channel. In-channel floodplains provide flood storage and conveyance for up to the 100-year flow.

A significant number of large cottonwoods and other trees were removed along the streambanks to increase light penetration to the Creek and to the streambanks, which were stabilized with willow live stakes and planted with a native buffer. Property corners were marked with decorative boulders indicating the edge of the buffer, to discourage property owners from encroaching into the buffer.

Wenck provided a full range of services for this project, including surveying, hydrologic and hydraulic modeling, design, permitting, construction documents, public participation, and construction management. Wenck is currently working with the City of Brooklyn Park to design and reconstruct an additional 1,500 feet just upstream of this project, with construction expected in 2010.

Prior to restoration the Creek was overwide, with a flat bottom and eroding banks. Turf grass was maintained up to the edge of the Creek.

The project included narrowing and meandering the Creek, installing rock vanes and structures, stabilizing the streambanks with live stakes, and planting a native buffer.

Prior Lake Outlet Channel Stabilization Project

As the District Engineer for the Prior Lake-Spring Lake Watershed District, Wenck staff completed conceptual and design detail drawings for a multi-year, multi-phase repair of an 8-mile-long channel from Prior Lake to the Minnesota River. Critical issues of flood control, sediment accumulation, streambank failure, and hydraulic capacity have been addressed by this project. At its most severe design limit, the channel will be able to pass 2,000 cfs at 10 to 14 fps.

Section 4: Experience & Qualifications

To complete the design, Wenck conducted a field reconnaissance to evaluate stream stability and grade control. To ensure adequate floodplain, Wenck also completed a hydraulic model for the channel to evaluate baseflow and high flow conditions for future flow conditions.

Our team added several unique features to the project:

- We identified to the District that this project would be most cost-effective by implementing a multi-phase approach. Conceptual drawings were fast-tracked, creating a platform for stakeholders to actively seek grants and bonding from various sources.

- We developed conceptual drawings during our site reconnaissance, allowing treatments to be prescribed on-site. Implementation of this approach limited client costs by simultaneously identifying and documenting problem areas and prescribing solutions.

"Wenck did an excellent job keeping the project on track and within scope." "The Wenck team's commitment to excellence in design and their strong customer service skills helped ensure that the detailed design met not only the PLSLWD needs, but also the needs and requirements of downstream communities and regulatory authorities." "Wenck has demonstrated innovation, foresight and leadership throughout the entire project." – Shannon Lotthammer, former District Administrator

- We developed long-term conceptual plans to allow the Watershed District to utilize construction site conditions as development occurs along the channel. Timing of stream improvements with adjacent land development limits restoration costs, ensures adequate easements, and permits cost-sharing by integrating stream improvement into development of stormwater management plans.

Extensive development along the Prior Lake outlet channel has drastically increased flows, resulting in accelerated erosion and bank failures.

The project is a multi-year design and construction effort estimated to cost between $2 and $4 million.

This project is coordinating work with the City of Shakopee, Lower Minnesota River Watershed District, Minnesota Department of Natural Resources, U.S. Fish and Wildlife Service, Scott County Parks, and Scott County Planning and private developers.

Presently, Wenck is also completing designs for an uncontrolled outlet from Prior Lake to a 2500-foot-long outlet pipe that discharges to the outlet channel. The compact design will discharge 65 cfs at just one-half foot of head using a labyrinth weir.

Section 4: Experience & Qualifications

City of Delano

The City of Delano and the MnDOT celebrated the grand opening of the new Trunk Highway 12 Crow River Bridge on Saturday, October 25th, a major milestone in years of planning and summer road construction.

Construction of the Trunk Highway 12 Crow River Bridge in Delano, MN. As Delano's City Engineer, Wenck participated on the inspection team and provided a wide-variety of additional support in everything from tank excavation to community relations.

The 400-foot Crow River Bridge is the focal point of the overall $15 million dollar TH 12 reconstruction project. Almost 1.5 miles of TH 12 were reconstructed including public and private utilities. Wenck designed the municipal sanitary sewer and water supply utilities, as well as local street connections.

A partnering approach to construction inspection merged the forces of MnDOT, Wenck, Delano Public Works and the Delano Municipal Utility. The approach saved the City and Utility over $100,000 in inspection labor costs by optimizing the available City employee staff hours. Wenck committed to "on call" or "as needed" field inspection and provided support at critical points of construction. Other engineering support included shop drawing review, managing field design changes, "curb side" meetings with residents, and coordinating with MnDOT and numerous contractors.

Wenck staff also responded to special needs during the construction including asbestos and hazardous materials surveys for buildings, demolition bidding and oversight, and one-hour response to underground tank excavation. Continuing work on the project will include streambank stabilization of the Crow River, a 3,600 gallon per minute storm water pump station including maintenance and startup assistance, and riverside trail and park grading improvements.

"Delano: Open for Business" was the campaign that drove all stakeholder efforts to minimize the construction impacts on local business and residents. As City Engineer, Wenck participated in community forums throughout the project to assist with addressing concerns. Changes in property access, detour challenges, and schedule modifications are a few of the items addressed by Wenck City Engineer Vince Vander Top, MnDOT Project Supervisor Rick Beckes, and City Administrator Phil Kern. Frequent meetings were held with the Chamber of Commerce, Industrial Park Business Group, Downtown Business Group, and individual residents and business owners.

Section 4: Experience & Qualifications

City of Windom

The City of Windom, MN has retained Wenck to assist with a $1.2 million reconstruction project in downtown Windom. The project includes complete reconstruction of sanitary sewer, storm sewer, and watermain with curb and gutter, primarily in Windom's commercial district. Wenck's Windom office is responsible for the project design and construction management.

Prior to construction, the City Council requested that the street be designed and bid with a bituminous option and concrete option due to current oil costs. Initial estimate showed the concrete option to cost $100,000 more than the bituminous option. The City Council then requested Wenck's staff to complete a life cycle cost analysis on each type of surface.

Based upon this analysis, the concrete option was found to be more cost-effective due to long-term maintenance costs. The aggressive construction schedule required completion of the project within 50 working days. Wenck met the deadline.

American Crystal Sugar

Wenck has a long-standing relationship with American Crystal Sugar, which operates five large facilities in Minnesota and North Dakota, to provide all aspects of their water resources work. This has involved extensive water quality work with their solid wastes, including multiple ash landfills maintained on-site. Wenck has provided NPDES/SDS permitting construction/design/ permitting services for wastewater pond systems, storm water permitting, installation and maintaining environmental monitoring systems, as well as a wide variety of other water-related services.

Minnesota Steel Environmental Impact Statement

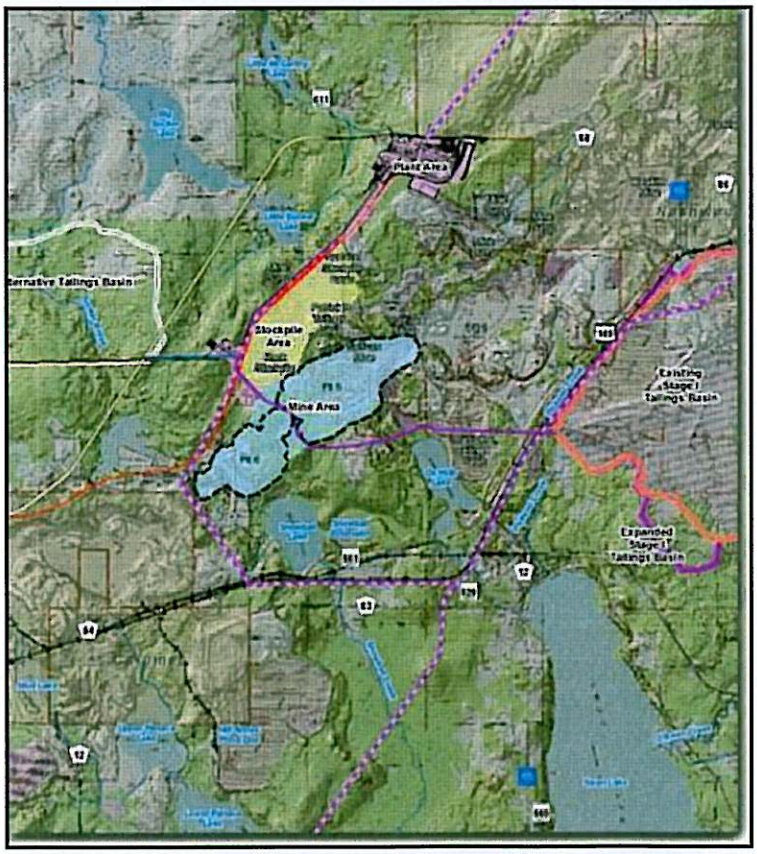
Wenck worked with the Minnesota Department of Natural Resources (DNR) and the U.S. Army Corps of Engineers (USACE) to prepare an Environmental Impact Statement (EIS) on a proposed taconite mine and steel processing facility, one of the first of its kind in North America. The project includes dewatering and re-activating an existing mine pit for proposed open pit mining operations to remove ore and waste rock. Ore will be hauled to a proposed crusher, concentrator and pellet plant. The taconite pellets will be delivered to a direct reduced iron (DRI) plant and the DRI product would be delivered to a proposed steel mill.

Section 4: Experience & Qualifications

The EIS included an evaluation of a variety of environmental issues and impacts, including:

- Water quantity and quality impacts (nutrient budget analysis, stream morphology, water balance and water appropriations)
- Wetland impacts and mitigation
- Solid waste production and management
- Air emissions impacts and mitigation; human health risk assessment
- Fish and aquatic resources
- Socioeconomics
- Infrastructure
- Cultural Resources (performed by the 106 Group)
- Wildlife
- Noise (performed by David Braslau Associates, Inc.)
- Air Quality impacts analysis
- Wetlands Cumulative Impacts

The EIS project had an aggressive completion schedule requiring effective project management in coordinating Wenck's diverse scientific and engineering staff involved in the project. Coordination, interaction, and communication with the project proposer and their consultant, and many local, state and federal agencies were also a key element in successfully completing the EIS. Wenck's project management and coordination abilities fostered the establishment of a strong working team among the multiple entities involved with the EIS project. Wenck also assisted the MNDNR with public review, stakeholder meetings and public meetings.



Section 4: Experience & Qualifications

Summary

Wenck is a leader in engineering and environmental services. We provide industries and local, state, and federal agencies a full spectrum of services related to infrastructure, water, air, land, and waste.

Ownership and History

Wenck is an employee-owned Minnesota corporation. Founded in 1985, we have grown to over 120 engineers, scientists, and support staff at three offices in Minnesota, two offices in North Dakota, one office in Wisconsin, and one office in Georgia.

Mission

Wenck's mission is to deliver strategic solutions with unmatched service. We strive to delight our clients by being responsive, reliable and proactive, thereby adding the greatest value possible to your business or organization.

Services

Wenck provides comprehensive engineering and environmental services to our clients. Wenck clients receive more than technical engineering. We negotiate with regulators, lead public meetings, and provide insight on the complex political ramifications of your projects. With the "big picture" in mind, we take the initiative to ensure a successful outcome to your project. Our services include:

- Industrial Engineering & Design
- Civil Engineering
- Geotechnical/Hydrogeologic
- Industrial Hygiene and Safety
- Ecological Services
- Environmental Review & Permitting
- Construction Services
- Emergency Response
- Water Resources
- Air Quality
- Waste Management
- Wastewater Treatment
- Environmental Management/Compliance
- Site Assessments and Remediation
- Transportation Planning
- Traffic Engineering

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Maple Plain, MN 55359
Phone: (763) 479-4200
Fax: (763) 479-4242

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Suite 100
Woodbury, MN 55125
Phone: (651) 294-4580
Fax: (651) 228-1969

301 1st Street NE
Suite 202
Mandan, ND 58554
Phone: (701) 751-3370
Fax: (701) 751-3372

440 10th Street
P.O. Box 453
Windom, MN 56101
Phone: (507) 831-2703
Fax: (507) 831-5271

11113 Houze Road
Suite 200
Roswell, GA 30076
Phone: (678) 987-5640
Fax: (678) 987-5877

3310 Fiechtner Dr.
Suite 110
Fargo, ND 58103
Phone: (701) 297-9600
Fax: (701) 297-9601

504 East Decker Street
Viroqua, WI 54665
Phone: (608) 637-7055

Section 5: Cost Proposal

This section contains our cost proposal. This cost proposal is based on information provided in the RFP and our understanding of the project in completing post-construction services for 23 energy conversion and transmission facility siting projects. Wenck is not proposing the use of subcontractors for this project; all work is proposed to be completed by Wenck personnel.

Wenck has identified three main project deliverables. Please refer to the Project Methodology Section (Section 3) of this proposal to find additional information on Wenck's approach to providing these deliverables. The deliverables include:

- Standardized format for the Site Inspection Reports and an agreed upon schedule.
- A 'living' spreadsheet which will periodically be updated and provided to the PSC with the status (planned inspection date, completion date, outstanding issues, cost, etc.) of the site inspections.
- A Site Inspection Report for each post-closure site that meets the needs of the PSC and accurately documents that the facility construction was completed as required.

Wenck has also identified three major tasks. The cost is based on our anticipated level of effort needed to complete the post-construction inspections. Please refer to the Project Methodology Section (Section 3) of this proposal to find additional information on these three major tasks. These tasks include:

- Project Start-up Meeting
- Site Inspections
- Site Inspection Reports

Wenck will manage the project costs on a per site basis, however since there will be variation (post-construction site requirements, location, etc.) in the level of effort required for each site our cost proposal is presented based on a total cost to complete all 23 post-construction site inspections. We understand that none of the costs per site can exceed the remaining siting fee balance identified in Attachment 6 of the RFP. The cost for completing the post-construction site inspections is estimated as $82,109.72, on a per site basis this averages out to $3,569.

Section 5: Cost Proposal

Total Cost Estimate[1]

Task 1 Project Start-up Meeting		Hours	Labor Rate	Cost
Client Liason	Steve Menden	4	$108.31	$433.24
Project Manager	Kevin Magstadt	12	$96.71	$1,160.52
Senior Site Inspector	Bill Suess	8	$62.54	$500.32
Administrative Asst.		4	$17.48	$69.92
			Subtotal	$2,164.00
			Overhead[2] @	165%
		Project Start-up Meeting Total Cost		$3,570.60

Task 2 Site Inspections		Hours	Labor Rate	Cost
Client Liason	Steve Menden	0	$108.31	$0.00
Project Manager	Kevin Magstadt	115	$96.71	$11,121.65
Senior Site Inspector	Bill Suess	184	$62.54	$11,507.36
Administrative Asst.		92	$17.48	$1,608.16
			Subtotal	$24,237.17
			Overhead[2] @	165%
		Site Inspections Subtotal Cost		$ 39,991.33
Other Direct Costs				
	Mileage/site	200	$0.50	$ 2,300.00
	Supplies/site	$50		$ 1,150.00
		Site Inspections Total Cost		$ 43,441.33

Task 3 Site Inspection Reports		Hours	Labor Rate	Cost
Client Liason	Steve Menden	0	$108.31	$0.00
Project Manager	Kevin Magstadt	92	$96.71	$8,897.32
Senior Site Inspector	Bill Suess	161	$62.54	$10,068.94
Administrative Asst.		92	$17.48	$1,608.16
			Subtotal	$20,574.42
			Overhead[2] @	165%
		Site Inspections Report Subtotal Cost		$ 33,947.79
Other Direct Costs				
	Supplies/site	$50		$ 1,150.00
		Site Inspections Report Total Cost		$ 35,097.79
			TOTAL[3]	**$82,109.72**

(1) Total cost assumes that Wenck is awarded all 23 projects addressed in the RFP. Each site not-to exceed the siting fee balance as stated in Attachment 6 of the RFP. Total for all projects will not exceed $82,109.00
(2) Includes profit of 10%
(3) Average cost per post construction site inspection is estimated at $3,569

Appendix A:

Résumés

Kevin J. Magstadt, P.E.

Project Manager

AREAS OF EXPERTISE:

- Extensive Project Management experience
- Extensive Government Agency coordination
- Extensive Environmental Assessment Document and Strategic Planning document creation experience.

EDUCATION:

Masters in Management, University of Mary, Bismarck, ND
Bachelor of Science, University of Nevada Mechanical Engineering, Reno, NV

REGISTRATION:

Professional Engineer – North Dakota
Inactive registrations in South Dakota and Montana

ADDITIONAL CONTINUING EDUCATION

- MDU Resources Mentorship Program — 2005 Mentor: John Stumpf, KRC Vice President of Business Development
- MDU Resources Chairman's Conference— 1995
- Attended all company-sponsored *Developing a Superior Workforce* sessions
- AMA Fundamentals of Finance and Accounting seminar
- Institute of Gas Technology Energy Marketing seminar
- Institute of Gas Technology Natural Gas Markets and Marketing seminar

ADDITIONAL CONTINUING EDUCATION (continued)

- Public Utilities Review Course
- AMA Negotiating to Win seminar
- AMA Assertiveness Training for Managers seminar
- Fundamental Electric Distribution and Transmission seminar

PROFESSIONAL EXPERIENCE:

2009 – Present
Wenck Associates, Inc.
Senior Engineer

January 1999 – December 2008
Montana Dakota Utilities Co.
Community Development Manager

August 1995 – January 1999
Montana Dakota Utilities Co.
Commercial/Industrial Sales Representative

December 1992 – August 1995
Montana Dakota Utilities Co.
Market Development Supervisor

June 1992 – December 1992
Montana Dakota Utilities Co.
Regional Marketing Engineer

June 1980 – June 1992
Dunham Associates Consulting Engineers
Bismarck, ND/Reno, NV/Rapid City, SD
Mechanical Engineer/Partner

INTRODUCTION

Mr. Magstadt has more than 29 years of experience in the engineering field in many different aspects including 13 years in the mechanical systems design and construction administration. He also has more than 16 years of experience that relate to client, community and government relations across the states of North Dakota, South Dakota, Montana, Wyoming and Minnesota. His experience in Renewable Energy, which includes a landfill gas to energy project in Billings, MT that is under construction, lends itself well to this project.

- Created and maintained key relationships with federal, regional, state and local government officials throughout North Dakota, South Dakota and Western Minnesota
- Maintain in-depth involvement in developing and monitoring the achievement of the Company's strategic

goals
- Provided leadership in the development of the renewable energy efforts for Montana-Dakota Utilities Co.
- Created, budgeted and managed the Community Development department for ten years
- Excellent writing, analytical and creative abilities
- Enthusiastic, motivated and results-oriented team player
- Extensive industrial and commercial electric and natural gas sales and marketing experience
- Extensive background in project management as it relates to engineering design, construction administration and renewable energy projects

PROFESSIONAL EXPERIENCE
ADMINISTRATIVE & MANAGEMENT
- Develop and administer Montana-Dakota Utilities Co.'s Community/Economic Development budget
- Lead the development of the annual Montana Dakota Utilities Co. strategic plan and environmental assessment documents
- Coordinate with all company departments and corporate subsidiaries to develop ongoing promotional/marketing strategies to facilitate revenue building and customer awareness
- Developed and reported quarterly financial forecasts to upper level management

ECONOMIC DEVELOPMENT

- Created and organized Montana Dakota Utilities Co.'s Community/Economic Development Department
- Created and maintained key relationships with federal, regional, state and local government officials throughout North Dakota, South Dakota and Western Minnesota
- Develop and maintain professional contacts with regional, state and local economic development organizations throughout North Dakota, South Dakota and Western Minnesota
- Act as lead negotiator between potential industrial customers, local communities and corporate services to provide optimum package to secure site location within Montana Dakota Utilities Co.'s service territory

SUPERVISION/TRAINING

- Supervise Community Development Coordinator
- Facilitate strategic planning sessions for regional communities and economic development organizations, including the communities of Bismarck, Pierre, Marshal and Jamestown
- Supervised Gas Marketing Engineer and trained personnel performing agency function

SPECIAL PROJECTS

- Lead Montana-Dakota's efforts over the past two y ears focusing on renewable energy. This involved project management efforts for the Billings Landfill Gas Project ($15.3 M) and the Jamestown Sewer Treatment Plant Generation Project ($1.6 M).
- Serve in lead role for Montana-Dakota Utilities Co.'s potential $10M investment in conjunction with the Northern Plains Commerce Centre warehouse with the City of Bismarck
- Compiled and presented information for co-generation study for Ladish Malting

Steven Menden, QEP, CHMM

Vice President, Client Liaison

AREAS OF EXPERTISE:

- Environmental Assessments and Review
- Multi-media compliance audits
- Solid Waste Management
- Permitting
- Risk Assessments

EDUCATION:

MA, Environmental Science, Mankato State University, 1995

BS, Biology and Environmental Studies, 1986

REGISTRATION:

Qualified Environmental Professional (QEP)
Certified Hazardous Materials Manager (CHMM)

PROFESSIONAL EXPERIENCE:

2003 – Present
Wenck Associates, Inc

1998 – 2003
Consulting Engineering Firm, MN

1991 – 1998
Consulting Engineering Firm, MN

1989 -1991
Mankato State Water Resources Center, MN

INTRODUCTION

Mr. Menden brings nearly 20 years of project management experience in the environmental consulting arena. This includes directing and assisting teams in the completion of multi-media compliance audits and the development of corrective action plans, evaluating, developing and helping implement waste management strategies, completing and managing environmental assessments and remediation projects, and representing clients during environmental review and permitting procedures.

SELECTED EXPERIENCE

Noble Flat Hill - Windpark and Transmission Line Environmental Impact Statement
Served as the project coordinator for an Environmental Impact Statement (EIS) assessing potential impacts due to a proposed 200 Megawatt windpark and associated 230 kilovolt high voltage transmission line. The EIS assessed impacts of a windpark in the State of Minnesota. Wenck worked directly with the Minnesota Department of Commerce and the project proposer throughout the environmental review process including EIS scoping, completing the draft EIS, attending public meetings, addressing public comments, preparing the Final EIS and participating in the public hearing. Potential environmental issues associated with the proposed project addressed within the EIS included noise, visual impacts, property values, roads and transportation, human health, sensitive habitats, water quality and endangered species.

Clay County, MN
Responsible as Owner's Representative for the solid waste program. Tasks have included updating and revising their long range financial plans, updating the County Solid Waste Management Plan, preparing a Capital Assistance Program (CAP) grant application for a

material recovery facility, coordinating tasks relating to the landfill's operating permit(s), assisting in acquiring a Certificate of Need (CON), completing an Environmental Assessment Worksheet (EAW), representing the County during contested case hearings, assisting in property acquisitions, evaluating expansion alternatives, implementing groundwater remediation corrective actions, and providing landfill construction management and oversight. The services provided to Clay County have allowed the County to operate their solid waste management program efficiently, thereby remaining competitive while still maintaining operating flexibility to implement both short and long term plans.

Minnesota Department of Natural Resources – Minnesota Steel Industries EIS
Project manager and project coordinator for multidisciplinary teams tasked with providing the necessary support and assistance for completing technical studies and review, administrative functions and document preparation of an EIS.

Minnesota Steel Industries LLC, is proposing to reactivate the former Butler Taconite mine and tailing basin near Nashwauk, MN. The proposal includes constructing new facilities – a crusher, concentrator, pellet plant, a direct reduced iron and steel mill. The proposed project will incorporate an integrated process. The integrated process will include a continuous flow of material, keeping the material at an elevated temperature throughout the process and reducing transportation steps to make steel from taconite ore in less than 48 hours.

The major issues addressed in the EIS include impacts to water (quality, quantity, augmentation, surface water, wastewater, groundwater, fisheries, and lakes and streams), wetlands (direct and indirect impacts, mitigation), air (stationary, mobile, Class I and II, mercury and control technologies), infrastructure (gas and electrical transmission, rail lines, traffic access and road construction and sewer and water service), noise (blasting, mine trucks, plant operations) and solid waste (stockpiles, tailing basin, process wastes). Cumulative impact analyses were completed for Class I air quality; acid deposition and ecosystem acidification in Class I areas; mercury emissions; deposition and bioaccumulation; visibility impairment; loss of threatened and endangered species; loss of wetlands, and habitat loss/fragmentation and corridor obstruction. Human health and ecological risk assessments were also completed as part of the EIS. Other issues addressed in the EIS included land use, cover types, threatened and endangered species, erosion and sedimentation, geologic hazards, archeology and cultural resources, recreational trails and visual impacts.

Otter Tail County – Aggregate Industries EIS
Project Manager tasked with providing the necessary support and assistance for completing the technical review, administrative functions and document preparation of an Environmental Impact Statement (EIS). The Aggregate Industries was proposing a 1700-acre sand and gravel aggregate mining operation. The proposed pit expansions would take place over 30 years. Approximately 3 million cubic yards of topsoil and overburden is proposed to be removed to expose approximately 80 million cubic yards of aggregate. The mining operation (pit boundaries) crossed three Minnesota County (Clay, Becker & Otter Tail) boundaries. Otter Tail County was designated as the regional governmental unit. The main issues addressed in the EIS included reclamation, impacts to groundwater, surface water, wetlands and native prairie species

William Suess

Senior Field Inspector

AREAS OF EXPERTISE:

- Environmental Inspections
- SPCC Plans and SWPPPs
- Air Permits
- Phase I/Phase II ESAs
- Groundwater monitoring
- Air Monitoring
- Remediation oversight
- Excavation observations

EDUCATION:

B.S. Geology/Geophysics, University of Wisconsin - Milwaukee (1998)
A.A. Mass Communications, North Hennepin Community College (1984)

CERTIFICATIONS:

- Forty-Hour HAZWOPER
- Eight-Hour Radiation Safety
- Asbestos Inspector for Wisconsin and Minnesota Asbestos Building Inspector for Wisconsin, Minnesota, Michigan, South Dakota and Iowa
- Refinery Safety Training BATC

PROFESSIONAL MEMBERSHIPS:

Geological Society of America
Federation of Environmental Technicians
ACHMM North Star Chapter

PROFESSIONAL EXPERIENCE:

2009-Present
Wenck Associates, Inc.
Project Manager

2008-2009
Kadrmas, Lee and Jackson, Inc.
Senior Environmental Project Manager

2007-2008
CBM Associates, Inc.
Senior Environmental Project Manager

2000-2007
Braun Intertec Corporation
Environmental Geologist/Project Manager
Phase One Project Manager
Engineering Technician

1994-1995
Gardenway, Inc.
Technical Service Representative/Instructor

1990-1994
Cherokee Power Equipment
Parts and Service Manager

1984-1990
Target Stores, Inc.
Seasonal Department Supervisor; Personnel Department; Sales Floor Specialist;

INTRODUCTION

Mr. Suess has 11 years of experience on diverse projects including soil and groundwater investigation, due diligence, and environmental compliance. He has worked with both public and private industry in Minnesota, Wisconsin, Illinois, Iowa, Michigan, Montana, Wyoming, South Dakota, and North Dakota. Specialties include due diligence and environmental compliance.

SELECTED EXPERIENCE

- Has conducted environmental inspections for the energy industry, manufacturing and construction.
- SPCC plans for ail and gas companies, PTC Air Permits, Phase I and II ESAs, report writing, client relations, contact with government regulatory agencies, health and safety management and planning, marketing, and project management.

SELECTED EXPERIENCE (continued)

- Developing and implementing Phase I ESA program, asbestos building inspection, report writing, client relations, contact with government regulatory agencies, health and safety management and planning, marketing, and project management.
- Soil and groundwater sampling, remediation system monitoring, surveying, lead risk assessment, asbestos building inspection, report writing, client relations, contact with government regulatory agencies, health and safety management and planning, marketing, project management, and construction materials testing.
- Historical research, development of database for historical documents Promoted to Staff Geologist
- Construction materials testing, client relations Promoted to Project Manager
- Training lawn and garden dealers in warranty and repair issues. Working with dealers and customers to resolve warranty and repair issues.
- Customer service; sales; maintaining parts inventory; ordering; supervising parts sales staff and mechanics; inventory; training.
- Processing and screening all resumes and applications; conducting initial interviews for all departments; creating work schedule to best fit department needs and employee requests; conducting orientation classes; worked on staff to reduce employee turnover 50 percentage points.

Andrew J. Feia

Environmental Scientist, Field Inspector

AREAS OF EXPERTISE:

- General Environmental Compliance
- Construction Oversight
- Groundwater/Soil Sampling
- Annual Reporting

EDUCATION:

University of Minnesota Duluth
BA in Environmental Studies, 2008

CERTIFICATES:

40 Hour HAZWOPER Certification
NRC – Certified Troxler Nuclear Gauge Operator
NDDH Odor Inspector
2009 NDWPCC Storm Water Workshop

PROFESSIONAL EXPERIENCE:

2008 – Present
Wenck Associates, Inc.
Environmental Scientist

2002-Present
MN Army National Guard
Petroleum Supply Specialist

May – September 2008
May – July 2007
Joint Force HQ, Camp Ripley
Intern with Facilities Management Environmental

INTRODUCTION

Mr. Feia joined Wenck Associates, Inc. after completing his internship with Facilities Management Office- Environmental (FME), Camp Ripley in October 2008. His professional duties focus on general environmental compliance, groundwater well installation and monitoring, laboratory data analysis, and construction oversight.

SELECTED EXPERIENCE

MN Department of Commerce
Tasks included assisting with an Environmental Impact Statement (EIS) for HVTLs in northeastern MN. Duties included determining potential environmental impacts to both transportation and public services within the Study Area.

Polk County, MN
Duties provided to Polk County included the installation of water collection apparatuses to monitor surface water as a part of the CSAH 41 DRP in Fertile, MN and water sampling. Surface water sampling was conducted using EPA method 1669 for trace metals.

Other services provided to Polk County include a limited UST site investigation through the collection of soil samples.

Mar-Kit Sanitary Landfill, Hallock, MN
Specialized services included conducting a Phase II/III Hydrogeologic Investigation through direction and supervision of waste borings into facility's existing disposal areas as part of the proposed site expansion. Other responsibilities include installing and developing a groundwater

SELECTED EXPERIENCE (continued)

monitoring well, logging soil borings, conducting development of monitoring well, preparing field logs and a Phase II/III Hydrogeologic Report.

Also prepared an Environmental Assessment Worksheet for the proposed expansion of the facility for MPCA Permit renewal.

Tharaldson Ethanol LLC I, Casselton, ND
Duties provided to Tharaldson Ethanol included conducting and assisting with a TRI reporting study do determine if facility was required to report any chemical usage during RY2008.

City of Fargo Landfill, Fargo, ND
Professional services included the creation of Active Gas Collection System Operation and Maintenance Plan for landfill gas usability at the landfill. Other services have included updating site operations plans for the yard waste compost unit, wood waste site, and land treatment area, and abandonment of site EMS monitoring wells. Responsibilities also have included cross sectional surveying of Cell 17 to determine slope stability prior to engineered liner placement.

Clay County Landfill, Hawley, MN
Services provided to Clay County included the supervision and placement of groundwater monitoring wells on landfill property to evaluate contamination migration from landfill footprint. Other tasks included logging well borings, conducting water sampling, development of monitoring wells, and preparing field logs.

American Crystal Sugar Company Facilities
Crookston, MN
Responsible as Owner's representative during site construction on West Slope Failure. Tasks included creating daily reports, operation of nuclear density gauge, directing construction activity and collecting soil samples.

East Grand Forks, MN
Responsible as Owner's representative during the installation and abandonment of gas monitoring well probes as well as the installation of monitoring wells for mud solids application. Other tasks included classifying well borings and preparation of field logs.

Hillsboro, ND
Services provided to ACSC included the supervision and placement of groundwater monitoring wells on facility property to evaluate potential groundwater impacts prior to land application of mud solids. Other tasks included classifying well borings, conducting water sampling and development of monitoring wells, preparation of field logs in both Field 6 and Dineen Field, and odor monitoring.

Moorhead, MN
Professional services included a GPS site survey of 2009 lime landfill closure area and mud area, and pond survey of both the east game pond for estimated sludge removal and condenser pond for placement of water barrel test locations. Other services provided included the collection of mud pond samples for waste characterization.

Wenck

Chad Perlenfein

Field Inspector

AREAS OF EXPERTISE:

- Construction Oversight
- AutoCAD Release 10-12
- Timberline Estimating
- Architectural Drafting
- Estimating
- Design and Building Model Applications
- Building Technology
- Design Limitations
- Building Equipment Applications

EDUCATION:

Thief River Falls Technical College
Computer Aided Drafting and Design
1991-1993
Autodesk Civil 3-D Training April, 2009

REGISTRATION:

- Hazwoper 40 hour certified
- Asbestos inspector
- Odor monitoring

PROFESSIONAL EXPERIENCE:

April 2008 – present
Wenck Associates, Inc.

1996 – March 2008
SAV Siding
Crew Foreman

1994 – 1996
Sun Valley Products
Machine Operator

October 1993 – 1994
Van Raden Construction

1993
Dumont & Associates
Draftsman

INTRODUCTION

Mr. Perlenfein has 15 years of experience in construction related activities including drafting and design, estimating and construction management oversight.

SELECTED EXPERIENCE

- Provided Construction oversight at American Crystal Sugar Hillsboro, North Dakota facility and the City of Fargo Landfill.
- Provided drafting and design for the Fargo Landfill, Polk County Landfill, and MDU Billings landfills.
- Re-designed the floor plans for the existing buildings of the Thief River Falls Aviation school buildings. Designed a 36-unit apartment building and estimated the cost of a building using the Timberline software.
- Developed and prepared design sketches; produced drawing sets; checked and verified design drawings to conform to design specifications construction oversight for buildings on U.S. West rural phone buildings.

Wenck
Chad Perlenfein
Field Inspector

American Crystal Sugar Company Facilities

Hillsboro, ND
Performed Construction observation and documentation during mud pond dike re-building and storm water pond cleaning, construction of a new lime landfill, construction of a new ash landfill, and placing of mud solids in a remediation field. Tasks included nuclear density testing, Shelby tube sampling, Odor monitoring during the remediation of the mud solids, and making sure of proper placement of liners in all cells during construction.

Moorhead, MN
Performed construction oversight for the storm water pond pumping structures. Tasks included density testing verifying correct placement of footings, pillars and proper construction of pumping station.

City of Fargo Landfill, Fargo, ND

North Slope Closure
Helped design and completed construction oversight and documentation for the final cover of the north slope of the Fargo Landfill. Tasks included density testing, measuring of final cover thicknesses and checking for proper placement and size of swales and down slope structures.

Inspection and maintenance of leachate removal system
Tasks include monthly checking leachate levels and amount pumped from system and assisting with proper care and maintenance.

Reclaiming of Old Landfill
Performed construction observation, documentation, and asbestos inspection during the construction process of reclaiming the use of and old landfill that has been closed since the 1960's.

Cell 17
Helped design and did construction observation and documentation during the construction of a new cell at the landfill. Also did density testing, Shelby tube sampling, and liner inspection.

Montana-Dakota Utilities Company Bismarck, ND

Billings, Montana
Helped design the gas wells and leachate removal & remediation system that is currently being installed at the Billings landfill.

City of Rapid City Landfill

Rapid City, SD
Helped design the project in Rapid City which includes: gas wells, leachate removal & remediation, blower and flare. I will also be doing the construction oversight and documentation reporting for this project.

Appendix B:

Site Inspection Form and Table of Contents for Site Inspection Report

Site Inspection Checklist

For

The North Dakota Public Service Commission

Site Number PU - __ __ - __ __ __ Date of Inspection _____

Project Name _____

Project Location: ____1/4, ____1/4, Section _____, Township _____, Range _____

Name of Inspector_____

Requirement	Verified	Comments
Pipeline buried a minimum 48 inches	_____	_____
Clear-cuts maximum 50 feet in width	_____	_____
Cultural Resources[1] Avoided	_____	_____
Critical Habitats Avoided	_____	_____
Minimum 12 inches topsoil in excavation	_____	_____
Roadways cleaned- up and Re-graded	_____	_____
Pre-existing roadways in original condition	_____	_____
Stripped areas re-seeded and fertilized	_____	_____
Tree Mitigation Plan[2] Adhered to	_____	_____

Additional Comments

_____

1. Cultural resources include archaeological, historical and paleontological sites
2. Tree Mitigation Plan will be placed on a separate checklist if needed

Post-Closure Site Inspection Report

Subject PropertyName
Address

Wenck File #XXXX-XXXX

Prepared for:

ND PUBLIC SERVICE COMMISSION
600 E. BOULEVARD AVE., DEPT. 408
BISMARCK, ND 58505-0480

May 2010

Prepared by:

WENCK ASSOCIATES, INC.
301 1st Street Ne, Suite 202
Mandan, ND 58554-3370
(701) 751-3370

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FIGURES

1. Location Map
2. Field Drawing/Aerial Photograph

APPENDICES

A- Site Inspection Form
B- Site Photographs