



2015 Annual Green Tier Report

Summary

Fairmount Santrol, with headquarters in Chesterland, Ohio, was founded in 1978. The company has operated in Wisconsin since 1996. Fairmount is a market-driven company with strategically located facilities in North America, Europe, and Asia, supported by a global distribution and customer support network. Aside from being one of the largest producers of industrial sand in North America, Fairmount has become a world-leading expert in the science and art of transforming sand into value-added products used for a variety of industries including oil and gas, water filtrations, foundry, glass, sports, recreation and building. Worldwide, Fairmount Santrol employs over 700 people, and sold 8.5 million tons of sand and value-added sand products in 2015. Fairmount Santrol's global operations include 11 sand processing facilities, 10 coating facilities, and 52 active distribution terminals. These facilities are located in the United States, Canada, Mexico, Denmark, and China. The Northern Area Region of Fairmount Santrol operations include one mining and mineral processing operation in Minnesota (Shakopee Sand, LLC), and three operations in Wisconsin (Wisconsin Industrial Sand Company).

Mission: We, the Fairmount Santrol family, are united in our commitment to exceed all expectations while fulfilling our economic, social, and environmental responsibilities.

In 2011, the professionals that we work with at the Wisconsin Department of Natural Resources (DNR) encouraged us to consider becoming a part of the Green Tier Program. With our Environmental Management System (ISO 14001) already in place, and our existing commitment to environmental stewardship, we felt that we were a great candidate for Green Tier certification. Our three Wisconsin Industrial Sand Company (WISC) sites achieved Green Tier status on January 11, 2013. These three facilities are the first industrial sand mining operations to enter into the Wisconsin Green Tier Program.

On October 21, 2013, we applied for Green Tier I status for two subsidiary locations that were acquired in September 2013 - FML Sand, located in Oakdale and Readfield, Wisconsin. However, on September 16, 2014 Fairmount Santrol sold the Oakdale operation, after the facility was idled in early 2014. On February 25, 2015, the Readfield facility was idled. Fairmount Santrol is no longer operating at these two locations.

Environmental Management System (EMS)

Fairmount Santrols' Wisconsin Industrial Sand Company (WISC) subsidiaries have been ISO 14001 certified since 2010. WISC establishes performance goals that support the three pillars of sustainable development that we have identified as crucial to our operations - People, Planet & Prosperity. The performance goals also align with our environmental policy, and address any potential significant impacts.

Our Environmental Policy is as follows:

Fairmount Santrol, through our Sustainable Development process, will operate its business in an environmentally sensitive and responsible manner, with concern for our employees and stakeholders so that we will manage the impact of our activities on the environment.

Our Environmental Policy is to be a responsible corporate citizen in protecting the environment. We are committed to:

- *Conducting operations so as to comply with applicable local, state and federal environmental rules, regulations, and requirements*
- *Manage aspects of the operation to minimize the resulting environmental impacts (i.e. to prevent pollution, and reduce or minimize waste)*
- *Work to continually improve the environmental management system and performance of facility operations*
- *Regularly communicate our environmental policies and performance*
- *Providing for continuous review of objectives and targets*

This commitment requires employees to participate in and accept responsibility for achieving the following:

- *Reduce, reuse and recycle waste and packaging*
- *Improve the efficiency of energy use*
- *Reclaim disturbed land to a usable and productive state*

This policy will be communicated to all parties interested in the performance of our environmental management system.

Comprehensive management reviews are conducted regularly for our operations. Annually we conduct internal environmental compliance audits of our EMS system at each of our facilities to ensure compliance with federal, state and local regulations. Annual surveillance audits are conducted by an external independent auditing firm, American Systems Registrar (ASR), to maintain our ISO 14001 certification. Recertification audits are conducted every third year.

Audit Documentation

All three of our WISC facilities (Hager/Bay, Maiden Rock and Menomonie) comply with one combined ISO 14001 registration. Our application for Green Tier was submitted in 2012, and in August of 2012, ASR performed a surveillance audit that is a sample audit under our existing certificate. In August of 2013, our EMS was audited and we were approved for recertification with renewal due in 2016. In August 2014 and 2015 ASR performed surveillance audits. Below you will find the results of those audits.

Audit Date	Major	Minor	OFI
08/22/2012	0	2	7
08/16/2013	0	2	5
08/25/2014	0	2	4
08/20/2015	0	0	2

In addition to our external audits, the Director of Environmental, the Director of Safety & Health, the Corporate Environmental Coordinator, the Corporate Safety & Health Coordinator, the Regional Environmental Coordinators, and the Regional Safety & Health Coordinators, along with our employees in operations, regularly inspect and document their findings. Every major and minor finding that is identified has a corrective action for resolution of the issue(s) identified. There were no major or minor findings identified in the 14001 audit report (Appendix A).

Goal Update and Progress

2015 Goals
<u>Clean Water:</u> 100%: Track water usage by source and reuse. Identify and implement a water improvement project to improve efficiency from the Best Practices 2014 CW list or from outside the plant and achieve SD Pays OR host a lunch and learn in FMSA facility or in community related to water (with 15% participation). 110%: Implement two Best Practices from 2014 CW list or from elsewhere in the company and achieve SD pays; OR host a water learning event with 50% participation.
<u>Hager/Bay Results = 110%</u> Water footprint completed. River Clean-up education events: 27 participants at Rush River (56%); 2 participants at Kinni River (4%) = total combined participation of 60%.
<u>Maiden Rock Results = 110%</u> Water footprint completed. Rush River Clean-up water education event help April 18-19 with 45 out of 70 employees participating (64%). Other organizations participating included Kiap-tu-wish chapter of Trout Unlimited, Eau Galle Rush River Sportsmen's Club, and Ellsworth Rod & Gun Club.
<u>Menomonie Results = 110%</u> Water footprint completed. Clean Water learning/community event on 5/2 with 50% (12 out of 23) participating – stream restoration at Elk Creek.
Readfield Results = 60% <u>Water footprint complete. Wolf River clean-up event completed on February 9 with 50% participation.</u>
<u>Environmentally Responsible Products & Processes (ERPP):</u> 100%: Identify two environmentally responsible improvements in products or production (or another) process that show an SD Pays. Submit at least 1 process idea to plant manager, SD Coordinator and ERPP SD team lead to consider. 110%: Implement one ERPP sustainable improvement production (or another) process or product (project must be unique to ERPP, it cannot be double counted to also meet other facility goals). Show SD Pays.

Hager/Bay Results = 110%

Ideas: 1.) Plant-based polymer in wash plant = \$10,612.94 in SD Pays per year; 2.) Change from Safety Kleen to OSI Environmental = \$413 in SD Pays in 2015 (\$2,496 per year in future years); NPV = \$4,214. Idea #2 implemented in July.

Maiden Rock Results = 110%

Ideas: 1.) Derrick Screen Reduction – increased efficiencies that result in savings of 12491 kWh (\$995.56) per year. Project was started June 1, so SD Pays in 2015 = \$414.92 and total NPV = \$3,003; 2.) Plant-based polymers. Idea #1 implemented June 1.

Menomonie Results = 110%

Ideas: 1.) Dry polymer system = no more totes for flocc (reduce pkg), cheaper to purchase, uses less product (chemicals) - delivered 4/23. Old system used totes of premixed flocculent that has a limited shelf life, using one tote for every 7 days of wash plant operation. Employees had to handle the totes to place them for use and then to store the used totes. The new Model 500 Polymer Preparation and Storage System greatly reduces incoming packaging, and reduces additive costs, while using a fresher product at a lower concentration. Also, the ability to tailor the dose rate to the actual conditions for the mine could reduce the amount of product used even further. SD Pays annually = \$38,508; NPV=\$109,464. 2.) Water tank reservoir = \$8,880 in SD Pays annually; NPV=\$26,904.

Quest for Eco-Efficiency (QEE):

100%: Tree planting with 25% participation (at FMSA location or in local community) at the following rate: →100 Employees = 1000 trees; →50-100 Employees = 500 trees; →25-50 Employees = 250 trees; →<25 Employees = 100 trees.
110%: 90% employee involvement in a green thumb or energy saving project; and an implemented energy savings project

Hager/Bay Results = 110%

500 trees planted in Hager City week of April 27, with 46 out of 48 (96%) participation. Changed lighting in wash plant, saving 9,478 kWh per year and \$616.11 in SD Pays.

Maiden Rock Results = 110%

700 trees planted week of April 17 with 4 employees participating. 700 additional trees planted on 5/6 with 25 more unique participants. 450 additional trees planted on 5/13 with 15 more unique participants. 450 additional trees planted on 5/18 with 2 more unique participants. 24 white pines planted on 9/29, 10/6 and 10/8 with 11 more unique participants. Total participation = 93%. VFD installed on scalper screen on 5/25 = savings of 20,558 kWh per year and \$1,639 in SD Pays.

Menomonie Results = 110%

300 trees planted at Elk Creek Public Fishing Area on 5/2 with 12 employees participating. 8 more trees planted in May with 8 more unique participants. Total participation = 91%. New LED lighting system which is automated from dusk to dawn installed on conveyors = savings of 18,555 kWh per year and \$2,041 in SD Pays.

Recover, Recycle, Reuse (3R):

Current zero waste facilities must maintain zero waste to reach 75% of goal. They must hold at least 1 zero waste event (picnic, meetings, etc.) at their facility (12.5%) and must submit one project via participation in the 3R Recycling Challenge (12.5%) to reach 100% of goal. 110%: Host at least 1 zero waste SD educational event or a recycling/composting event in the community (external to FMSA).

Hager/Bay Results = 110%

Maintained Zero Waste all of 2015. Zero Waste event held on 3/4. 3R Challenge project submitted before deadline. Community event = Pierce Pepin Counties 2015 Spring Clean Sweep on April 18. Four employees participated with community members.

<p><u>Maiden Rock Results = 110%</u></p> <p>Maintained Zero Waste all of 2015. SD Management Review meeting on 1/27 held as Zero Waste event. 3R Challenge project submitted on 3/23. Community event completed on 4/19: Clean-up at Village Park in Maiden Rock after the Flood Run event. Seven employees participated with 9 community members.</p>
<p><u>Menomonie Results = 110%</u></p> <p>Maintained Zero Waste all of 2015. Fairmount Forum on 2/26 held as Zero Waste event. 3R Challenge project submitted before deadline. Community event = organized and presented composting (worm bin) education/activity at Boys & Girls Club on 10/15, with three employees participating.</p>
<p><u>Readfield = 12%</u></p> <p>Maintained Zero Waste through February (facility was closed on February 25, 2015).</p>
<p><u>Energy:</u></p> <p>Evaluate Dryer Burner Controls to determine opportunities for improvement of energy efficiencies.</p>
<p><u>Energy Goal Results:</u></p> <p>Catalytic combustion audits performed on the burners with improvements by adjusting air/gas ratios and size and shape of the flames. Feeds with lower moisture increased efficiencies. Therm's/ton were reduced by 5%</p>

Because the Readfield facility closed on February 25, 2015, their goal progress was limited. Readfield did not make any progress on the ERPP, QEE, or Energy goals before the facility closed.

Current Fiscal Year Goals- 2016

<p>2016 Goals</p>
<p><u>Clean Water:</u></p> <p>100%: 1.) Track water usage by source and reuse. 2.) Review water management plan with plant manager or site contact, and add two items from the Clean Water best practices list. 3.) Implement at least one water improvement project to improve efficiency from that list and achieve SD Pays OR if you have reviewed the water mgmt plan and cannot find at least one improvement to implement, host a "lunch and learn" in FMSA facility or a water-related event in the community (river clean-up, etc.) related to water (with 25% participation).</p> <p>110%: Implement two best practices from Clean Water best practices list or from elsewhere in the company and achieve SD pays; OR host a water learning event (or clean up) with 50% participation.</p>
<p><u>Environmentally Responsible Products & Processes (ERPP) – only applies to Maiden Rock and Menomonie because Hager City is operating as a terminal in 2016:</u></p> <p>100%: Identify two environmentally responsible improvements that could be implemented in products or processes, which show an SD Pays, from the corporate team project list (once developed) or by working with the plant manager, SD Coordinator and ERPP team members. Submit at least 1 process idea to plant manager, SD Coordinator and ERPP SD team lead to consider.</p> <p>110%: Implement one ERPP sustainable improvement process or product (project must be unique to ERPP, it cannot be double counted to also meet other facility goals). Document SD Pays.</p>

Quest for Eco-Efficiency (QEE):

100%: Plant 100 trees (or distribution to communities to plant) with 25% participation (at FMSA location or in local community) (ten small "whip" trees equals one larger tree of 3' or taller).

110%: 50% employee involvement in a conservation project or energy saving project; and an implemented energy savings project TBD by facility.

Recover, Recycle, Reuse (3R):

100% - Maintain zero waste to landfill.

110% - Reduce material sent to the waste-to-energy facility by 10% through increased recycling and composting efforts based on 2015 baseline (5%); and hold at least one zero waste event (5%).

Environmental Performance

We are committed to protecting and preserving the environment. Our Wisconsin facilities have voluntarily obtained certification through the Wildlife Habitat Council's (WHC) "Conservation Certification" program. We have agreed to strict criteria to meet Saving Birds thru Habitat's standards for certification at both our Maiden Rock and Hager City facilities. These programs emphasize community involvement in wildlife habitat and land conservation projects by collaborating with local teachers and students, Scout groups, 4-H groups, and other community members. They engage our employees in the experience of innovative teaching and learning techniques, and the opportunity to involve our community in our conservation efforts. Students use our habitat as an "outdoor classroom," building essential knowledge in key concepts and skills such as importance of natural resources, geological makeup of our area, and ecological considerations. We work with Scout groups to earn merit badges, and those groups assist our team in habitat establishment, management and monitoring. Projects that were completed in 2015 include construction and installation of bird houses and bat houses, monitoring activity in those habitats, construction of stem bundle bee habitats for cavity-nesting bees, planting new pollinator gardens and enhancing existing gardens, expansion of nature trail at Menomonie with signage that identifies native species of wildlife and plants, stream monitoring activities, and species identification, among others. College students and professors have used our sites to conduct research or class studies in our habitat. All of these projects provide members of the community an opportunity to connect to the environment and learn about our role as a thoughtful steward of the environment.



Five stretches of roadway in the Adopt-A-Highway program and one Adopt-A-River Mile location were the sites of clean-up events throughout the year, collecting recyclables and waste, which were transported to a waste-to-energy facility



3,108 trees were planted by Fairmount Santrol employees in Wisconsin in 2015, to offset greenhouse gas emissions (GHG)



12 emergency drills were completed at Fairmount Santrol facilities in Wisconsin in 2015, including a hazardous waste spill drill



New technology installed at the Hager City truck load out was a result of an idea submitted through the Business Innovation sustainable development process. The dustless spout ensures that potential fugitive dust is controlled when loading trucks.

Fairmount Santrol employees at Readfield site volunteered 88 hours to build new storage areas and help with maintenance projects at Mosquito Hill Center in New London, Wisconsin



In our local restoration and mine reclamation projects, we strive to incorporate sustainable landscaping plans that include native species, storm water management ponds, pollinator gardens, and natural habitat that attract wildlife. For example, in partnering with Trout Unlimited, we helped to restore the health of Pine Creek and Trimbelle River in Pierce County, Wisconsin, and Gilbert Creek in Dunn County, Wisconsin, in order to re-establish trout populations. Other corporate goals that focus on protecting our planet are created and implemented by our Sustainable Mobility Team; Environmentally Responsible Products and Processes (ERPP) Team; Quest for Eco-Efficiency (QEE) Team; Recover, Recycle, Reuse (3R) Team; and our Clean Water Team.



Our engineers are always working hard to help us meet and exceed our goals to reduce greenhouse gas (GHG) emissions through continual process improvement and strategic design. We track every part of our process, to find out how many kilowatts, how much diesel and dryer fuel, and how much water we are consuming. This allows us to identify ways that we can continue to decrease our consumption of valuable natural resources, and significantly lower our carbon footprint. A 39.6 kilowatt solar panel array installed in October 2011 at our Menomonie facility provides enough energy to power the entire office building, which includes the maintenance shop, lab, conference room, and six offices. We continue to track our GHG and identify ways to continuously reduce and offset our emissions every year.

In December 2012, Fairmount Santrol achieved “Zero Waste to Landfill” status at its three Wisconsin facilities - Hager City, Maiden Rock, and Menomonie. Through comprehensive recycling and composting efforts, finding ways to reuse and reduce materials, and partnering with waste-to-energy facilities for the final step, we are proud to say that there is no waste leaving these facilities and entering a landfill through 2015.

Transportation

We work with transportation companies to ensure safe transport of our product and minimize the impact of transporting sand, on our communities. All truck drivers that we work with sign a Letter of Acknowledgement before they begin, and review it once a year. The agreement outlines policies and procedures that they must follow at all times, including: the required use of personal protective equipment, required tarps to completely cover the load before leaving our facility, cleaning trailers before being loaded, obeying speed limit signs, not permitting engine brakes, no dumping of sand on the highway, or anywhere except on Fairmount Santrol property. We take these rules seriously, and if we witness or hear of infraction by the drivers we contact the trucking company or the driver specifically to communicate the dissatisfaction. The company/driver is given a chance to rectify the situation. If we have continued issues with drivers or incidents we will temporarily suspend their partnership with us. If the infraction is serious enough, the driver and/or company will not be allowed back to work for our company. With regards to rail transportation, we clean the tops of every rail car before it leaves our facility, and promptly remove any sand that has been spilled on the tracks.

An expansion at our Hager City facility in 2014 now enables us to use unit trains to transport our products from that facility. Consisting of 100 railcars, a unit train can keep 400 long-haul diesel trucks off the road. Ton-for-ton, rail transportation is more than three times as energy efficient as truck transport. This allows us to increase transportation and fuel efficiency while improving traffic pattern flow on highways. Across the company, we collaborate with our customers to actively track and manage our transportation and logistics network to drive efficiency – to the benefit of our customers, our communities, and the environment.

Stakeholder Involvement

We feel that it is very important to continuously communicate with our stakeholders and members of our community to maintain a great relationship with our neighbors, and minimize the impact of our operations whenever feasible. We maintain an open-door policy and encourage feedback from stakeholders and other members of the community at any time. We have given many tours of our facilities to teach people about how our business operates and answer questions they may have about our impact on the community. We publish an annual, regional Report to the Community that communicates our goals and our accomplishments, and keeps them apprised of our activities. We also publish a Corporate Social Responsibility Report, which is available online at www.fairmountsantrol.com. We voluntarily established a Community Advisory Committee and hold regular community meetings that are open to the public, to discuss any concerns that community members may have and how we can mitigate those concerns.

We are committed to serving the communities in which we operate. Our employees are encouraged to participate in at least 20 hours of paid volunteerism each year, and are involved in local projects and events such as: Adopt-A-Highway road clean-up, stream restoration projects, Adopt-A-River Mile program through the Living Lands & Waters organization, stocking shelves at a local food pantry, hosting blood drives and donating blood, donating and planting hundreds of trees at local schools, helping restore school forests and build outdoor teaching arenas, assisting local municipalities with maintenance and projects such as snow plowing, street washing, and dock construction and installation.



In 2015, we amassed 5,422 hours of volunteer time, which provides a tangible value of over \$124,712 in labor to the local community. We also donate a percentage of our profits each year towards support of community investment and local non-profit organizations. Donations from our five operations in the Northern Area Region of Fairmount Santrol in 2015 totaled more than \$201,312.

We feel strongly about supporting education in the communities where we work and live. More than 20 different school-age groups toured our facilities in 2015. In addition, employees from our region organized and led two large educational field trips for eighth grade students in Ellsworth and Menomonie. In May 2015, more than 130 students from Ellsworth Middle School visited our Maiden

Rock facility, and nearby Pine Creek. Approximately 225 students from Menomonie Middle School visited our Menomonie mining site in November 2015. Students learned about the natural resources that we mine, the geological history of our area, the mining process, and participated in ecological activities such as stream monitoring and insect identification.



Our efforts to be a responsible steward of the natural resources that we mine have been recognized by many organizations including the Wisconsin Sustainable Business Council, which designated Wisconsin Industrial Sand Company as a Green Master every year since 2012. The Green Master designation is the highest tier in the Green Masters program. Candidates are judged on a comprehensive range of sustainability issues from energy and natural resource use, to education outreach and purchasing. In May 2015, the Wisconsin Partners for Clean Air recognized presented our Wisconsin operations with a Recognition Award.

The following provides an overview of prior environmental achievements for Fairmount Santrols' operations in Wisconsin:

Year	Award	Location
Nov, 2012	Wildlife Habitat Council's "Bat Conservation Action Award of the year"	Hager/Bay
Jan, 2013	Pierce County Economic Development Corporation- Business of the Year 2012	Maiden Rock, Hager City, Bay City
May, 2013	Wisconsin Manufacturers & Commerce- Business Friend of the Environment	Menomonie, Maiden Rock, Hager City, Bay City
Jan, 2013	Wisconsin Department of Natural Resources- Green Tier	Menomonie, Maiden Rock, Hager City, Bay City

Feb, 2014	Greater Menomonie Area Chamber of Commerce - Business of the Year 2013	Menomonie
Dec, 2012, 2013, 2014, and 2015	Wisconsin Sustainable Business Council - Green Master	Menomonie, Maiden Rock, Hager City, Bay City
May 2015	Wisconsin Partners for Clean Air – Recognition Award	Menomonie, Maiden Rock, Hager City, Bay City

DNR Relationship

We have worked closely with the Wisconsin Department of Natural Resources (DNR) for many years. We work in concert with the DNR to monitor bat activity in our underground mines, in order to detect and slow the spread of “white nose syndrome”, a fungal disease which threatens to decimate large populations of bats in the United States. Our Maiden Rock mine is the second largest bat hibernacula in the state of Wisconsin, and our Bay City mine is the third largest, with more than 145,000 bats hibernating in those mines every winter. In 2011 we received an award from Secretary Frank at October’s Wisconsin DNR Board Meeting, commemorating our efforts to assist the DNR’s bat research. We were also recognized with the Wildlife Habitat Council’s Bat Conservation Action Award of the year in November 2012.



We have also partnered with DNR and Trout Unlimited in the restoration of many local waterways, by providing heavy equipment, monetary contributions, and many hours of employee volunteer time.

In addition, we have facilitated several tours of our Wisconsin operations to DNR professionals, to help them understand how an industrial sand mining operation works, from the equipment used, to the mining process, and even sharing some of our best management practices.

We are very grateful to have the guidance of the DNR. Any time we have questions relating to new rules or regulations, the DNR professionals are always helpful in clarifying these changes so that we can continue to go beyond compliance.

Conclusion

Participation in the Green Tier program has helped us to reinforce our continuous improvement programs at Fairmount Santrol, and has helped us to strengthen our ISO 14001 Certification and our Environmental Management System. We believe that our strength is fundamentally rooted in our people and the relationships we create. To build an engaging, thriving workplace, we make the environment, safety, health and wellness, and community engagement our top management priorities. Environmental stewardship is a fundamental element of the way we operate, not only because it is critical to our prosperity, but because we strongly believe it is simply the right thing to do.

Appendix A: Audit Report



October 27, 2015

Michele Maxson
Wisconsin Industrial Sand
A Division of Fairmount Minerals Ltd.
N5628 580th St.
Menomonie, WI 54751

Re: N5628 580th St., Menomonie, WI 54751
N1464 770th St., Hager City, WI 54014
W3302 Hwy. 35S., Maiden Rock, WI 54750

Dear Michele:

Congratulations!

ASR's Registration Committee has met and reviewed the audit reports from your surveillance audit. If you were issued any non-conformances, the effectiveness of any corrective actions taken have been reviewed and accepted. We are pleased to inform you that the committee has agreed with the audit team's recommendation to register your ISO 14001 management system with American Systems Registrar.

Along with this letter, we have attached the audit report in the e-mail. Feedback from our clients is very important and assists us with improving our services to you. We greatly appreciate any feedback you provide! Our customer evaluation can be found at: <http://asrworldwide.com/customer-evaluation.html>. ASR's monthly newsletter is available at www.asrworldwide.com.

Your registration details will continue to be published in the Independent Association of Accredited Registrars Directory of certified organizations. This is a public database and can be accessed at www.IAAR.org.

We look forward to our continued relationship and appreciate being invited to be your registrar.

Sincerely,

A handwritten signature in cursive script that reads "Jess".

Jess DeVries
Administrative Support

"Your Partner in Achieving
Business Excellence"

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MANAGEMENT SYSTEM AUDIT REPORT CONFIDENTIAL	
Organization Name: Wisconsin Industrial Sand (A Division of Fairmount Santrol)	Date(s) of Audit: Aug. 17 – 20, 2015
Organization MS Mgmt. Rep(s): Michele Maxson Stan Kolakowski	Standard: ISO 9001 ISO 14001
Type of Audit: (Check all that Apply; after each checked box indicate with standard applies)	
<input type="checkbox"/> Pre-Assessment	<input type="checkbox"/> Stage 2
<input type="checkbox"/> Transfer	<input checked="" type="checkbox"/> Surveillance
<input type="checkbox"/> Re-Certification	<input type="checkbox"/> Upgrade
Organization Address(es): (Must include all sites audited) Street Address City State Zip (Press Enter for Next Address) N5628 580 th Street Menomonie, WI 54751	Total Employees (by Site): 137
Scope of Registration: (What should be on Certificate – scope can be different for each standard)	
QMS:	"Mining, Processing, Testing, Packaging and Delivery of High Grade Sand and Gravel for Industrial and Specialty Uses."
EMS:	"Mining, Processing, Testing, Packaging and Delivery of High Grade Sand and Gravel for Industrial and Specialty Uses."
OHSAS:	NA
If there is more than one location and the scope is different or a sub-scope of the main scope, please specify below:	
Permissible Exclusions:	
Audit Recommendation	
<input type="checkbox"/> Stage 2 <input type="checkbox"/> Re-Certification <input type="checkbox"/> Transfer <input type="checkbox"/> Upgrade <input checked="" type="checkbox"/> Surveillance <input checked="" type="checkbox"/> Recommendation To Register or Maintain Registration Applicable Standard ISO 9001 & ISO 14001	
<input type="checkbox"/> Recommendation NOT To Register or Maintain Registration Applicable Standard Choose Standard	
Follow Up Required? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Have all documented non-conformances been verified from the previous audit ? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
Comments:	
Lead Auditor (printed name): Barton Solomon	Date: 10/1/15



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AUDIT SUMMARY
Minor non-conformances (state fully):
ISO 9001:
none
ISO 14001:
none
OHSAS 18001:
NA
Major non-conformances (state fully):
ISO 9001:
none
ISO 14001:
none
OHSAS 18001:
NA
Opportunities for improvement (from form F-3001):
ISO 9001:
Sand Turbidity test could be streamlined by doing a moisture content instead of drying and re-hydrating – could be applied to in-process samples maybe not final product samples
There is no intranet in some control rooms (MR & Menomonie – wet plants); makes access to forms more difficult
Sales Force has a lot more capability for the plants to use and can be modified to improve usability
ISO 14001:
Consider a way to track the recommendations from the annual inspection and calibration by Pearson-Arnold and have them report the number of the gage that they used to verify the DP gages
Visolite inspections HC-EF-100 – dust collector bag map – very good practice
OHSAS 18001:
NA
AUDIT PLAN DATA
Composition and qualification of audit team:
Solomon & O'Connor
Reference checklists used:
CH-4300 and CH-4400

Shifts Audited			
Location (identify below)	Shift Scheduled Time	Date Audited (if all shifts are not audited please note your justification of why not audited.)	Time audited
#1 Menomonie, WI	7am-3pm	8/17/15	8am-4pm
	3pm-11pm	8/17/15	3pm-5pm
#2 Maiden Rock, WI	7am-3pm	8/18-19/15	8am-4pm
	3pm – 11pm	8/18/15	3pm-5pm
#3 Hager City, WI	7am-3pm	8/19-20/15	8am-4pm
	3pm – 11pm	8/19/15	3pm-5pm
1) Was the audit completed as scheduled? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If not provide details:			
2) Effectiveness of the management system: Indicate which processes in the management system are important contributor to the organization's system effectiveness: <input checked="" type="checkbox"/> Internal Audit <input checked="" type="checkbox"/> Corrective action including root cause identification and removal <input checked="" type="checkbox"/> Preventive action <input checked="" type="checkbox"/> Use of performance data and objectives to drive continuous improvement (Such as customer report cards-customer evaluations, on-time delivery, waste generated, raw materials/energy used, safety incidents, near miss accidents, etc) <input checked="" type="checkbox"/> Management review activities Comment (below) on the strong and weak points of these management system activities: The QMS & EMS is designed in accordance with the Fairmount Minerals corporate system and have been well implemented. The internal audit, corrective action, use of data and management review processes all draw on the corporate processes and have learned from the other sites. The performance data for both QMS and EMS are largely contained in the GHG and SD initiatives			
3) ISO 9001: Comment on the organization's customer focus (Such as customer evaluations-continual improvement-shipping & receiving) WISC is focused on the customer thru corporate customer service.			
4) ISO 9001: Comment on the organization's processes: which are well managed and which are not well managed? (Which processes are carefully monitored and actions taken when the process is not achieving desired results?) The processes are well managed			
5) ISO 14001: Comment on the effectiveness of the management of the environmental aspects: The environmental aspects are being well managed.			
6) OHSAS 18001: Comment on the effectiveness of the management of the hazards and risks: NA			

7) Re-Certification ISO 9001 Audit: Comment on the performance of the quality management system over the period of certification (in your comments cite the actual data reviewed):

NA

What does the data from ASR's or previous registrar's audits for the past 3 years indicate about the organization's management system performance?

What does the data from the organization's internal audits for the past 3 years indicate about the organization's management system performance?

What does the data from customer complaints and monitoring of customer satisfaction indicate about the organization's QMS performance in the eyes of the customer over the past 3 years?

What does the internal data from monitoring goals/objectives and internal processes indicate about the organization's quality system performance over the past 3 years?

8) Re-Certification ISO 14001 Audit: Comment on the performance of the environmental quality management system over the period of certification (in your comments cite the actual data reviewed):

NA

What does the data from ASR's audits or previous registrar's audits for the past 3 years indicate about the organization's environmental management system performance?

What does the organizational monitoring of performance; such as waste generated and/or consumption of raw materials, or energy indicate about the organization's EMS performance over the last 3 years?

What does the organizational monitoring of the product performance of fate of the product in the environment indicate about the organization's EMS performance over the last 3 years?

Evaluate the organization's compliance with regulations over the past three years:



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9) Re-Certification OHSAS 18001 Audit: Comment on the performance of the occupational health and safety management system over the period of certification (in your comments cite the actual data reviewed):
NA
What does the data from ASR's audits or pervious registrar's audits for the past 3 years indicate about the organization's occupational health and safety management system performance?
What does the organizational monitoring of performance – such as lost time, accidents, employee exposure and/or near misses indicate about the organization's OHSAS performance over the last 3 years?
What does the organizational monitoring of the product safety performance indicate about the organization's OHSAS performance over the last 3 years?
Evaluate the organization's compliance with regulations over the past 3 years:
10) Comments after follow-up audit: <input type="checkbox"/> check if not applicable

Note To Customer: Please contact ASR if you have any questions or comments about this report.

Required for all audits:	Auditor Verification: (Initials Required)
1. Review use of Registration Certificate Logo (OP-2040)	BSS
2. Review of change of policies and procedures for any revisions that may affect requirements of the standards	BSS
Required at least annually	
3. Audit customer complaints, corrective and preventive action	BSS
4. Audit Internal Audits	BSS
5. Review progress towards continuous improvement objectives/targets	BSS
6. Audit management review	BSS
7. For a list of interviewed auditees please refer to the M-5000 and appropriate audit checklist	BSS



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ISO 9001 Audit Tracking Table (for multi-site registrations include a table for each location)	Audit	Stage 2 or Re- Certification	S1	S2	S3	S4	S5
					N/A for annual frequency		
Organization's processes (list below the processes identified by the organization)	Date	8/13	8/14	8/15			
Management review, Objectives & Customer satisfaction		1	0	0			
Internal Audits & Corrective & preventive action		0	1	0			
Contract review and planning		0	0	0			
Production		0	0	0			
Shipping		0	0	0			
Product inspection and testing (including testing and calibration)		1	0	0			
Awareness, training and competence		0	1	0			
Maintenance		0	0	0			

Fill in each cell in the table with the number of non-conformities raised for each system element at each audit. If an element was not audited enter 'N/A' in the cell. Suggest elements to audit at the next visit by entering an 'R' in the appropriate cell in the column for the next visit.

ISO 14001 Audit Tracking Table (for multi-site registrations include a table for each location)	Audit	Stage 2 or Re-Certification	S1	S2	S3	S4	S5
	N/A for annual frequency						
Environmental Management System Element	Date	8/13	8/14	8/15			
4.1		0	0	0			
4.2		0	0	0			
4.3.1 Environmental aspects		1	0	0			
4.3.2 Legal and other requirements		0	0	0			
4.3.3 Objectives, targets and programme(s)		0	0	0			
4.4.1 Resources, roles, responsibility and authority		0	0	0			
4.4.2 Competence, training and awareness		0	0	0			
4.4.3 Communication		0	0	0			
4.4.4 Documentation		0	0	0			
4.4.5 Control of documents							
4.4.6 Operational control		1	2	0			
4.4.7 Emergency preparedness and response		0	0	0			
4.5.1 Monitoring and measurement		0	0	0			
4.5.2 Evaluation of compliance		0	0	0			
4.5.3 Nonconformity, corrective action and preventive action		0	0	0			
4.5.4 Control of records		0	0	0			
4.5.5 Internal audit		0	0	0			
4.6 Management review		0	0	0			

Fill in each cell in the table with the number of non-conformities raised for each system element at each audit. If an element was not audited enter 'N/A' in the cell. Suggest elements to audit at the next visit by entering an 'R' in the appropriate cell in the column for the next visit.



American Systems Registrar, LLC, a provider of third-party system registration and accredited by the ANSI-ASQ National Accreditation Board for Registrars of Environmental Management Systems, attests that:

**WISCONSIN INDUSTRIAL SAND
A DIVISION OF FAIRMOUNT MINERALS LTD.**

**N5628 580TH ST. N1464 770TH ST. W3302 HWY. 35S.
MENOMONIE, WI 54751 HAGER CITY, WI 54014 MAIDEN ROCK, WI 54750**

with a scope of:

**PROCESSING, TESTING, PACKAGING AND DELIVERY OF
HIGH GRADE SAND AND GRAVEL FOR INDUSTRIAL AND
SPECIALTY USES**

has established an environmental management system that conforms to the Environmental Management System Standard

ISO 14001:2004

ASR Certificate Number: 4364
Date of Certification: November 6, 2013
Date of Certification Expiration: November 5, 2016
Date of Initial Registration: December 28, 2010
Revision:


President

CERTIFICATE OF REGISTRATION