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4-8-2011



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Bruce Urban, Regional Air & Waste Leader

Wisconsin Department of Natural Resources
Plymouth Service Center
1155 Pilgrim Rd
Plymouth, WI 53073
FAX 920-892-6638

April 8, 2011

Nelson Olavarria (Representative for the Ripon FF/NN Landfill Potentially Responsible Party (PRP) Group)
Cooper Industries
600 Travis Street, #5600
Houston, TX. 77210

SUBJECT: Revisions to the Monitoring Schedule - Ripon HWY FF/NN Landfill
License # 467, Ripon, Wisconsin
WDNR BRRTS #02-20-000915

Dear Mr. Olavarria:

The Department and USEPA have reviewed the 2009 – 2010 quarterly samples for the Ripon FF/NN Landfill. The monitored natural attenuation (MNA) sample results, during this time period, show there is evidence that natural attenuation of the downgradient plume is occurring and it appears the plume may be stable and/or decreasing.

You have made previous requests for a reduction in the monitoring schedule. Based on the latest results and our evaluation, we agree that a reduction in monitoring wells, private wells, leachate wells and cap inspection frequency is appropriate at this time. Gas monitoring should stay at quarterly at this time.

The Department hereby approves the revised sampling plan listed below:

Stratigraphic Layer	Sampling Point	Gradient	Water Level	MNA	VOCs
Layer 1	MW-101	U	Q		A
Layer 1	MW-102	S	Q		A
Layer 1	MW-103	D	Q	Q	Q
Layer 1	MW-104	Within	Q		SA
Layer 1	MW-106	S	Q		A
Layer 1	MW-107	D	Q		SA
Layer 1	MW-108	S	Q		A
Layer 1	MW-111	D	Q		A
Layer 1	MW-112	D	Q	Q	Q
Layer 2	P-101	U	Q		A
Layer 2	P-102	S	Q		A
Layer 2	P-103	D	Q	Q	Q
Layer 2	P-104	Beneath	Q		A
Layer 2	P-106	S	Q		A
Layer 2	P-107	D	Q		SA
Layer 2	P-108	S	Q		A
Layer 2	P-111	D	Q		A

Reduced Sampling Schedule - Ripon HWY FF/NN Landfill
 License # 467, Ripon, Wisconsin
 WDNR BRRTS #02-20-000915
 April 8, 2011
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Layer 3	MW-3B	D	Q	Q	Q
Layer 3	P-103D	D	Q	Q	Q
Layer 3	P-111D	D	Q	Q	Q
Layer 3	P-113B	D	Q	Q	Q
Layer 3	P-114	D	Q	Q	Q
Layer 3	P-115	D	Q	Q	Q
Layer 3	P-116	D	Q	Q	Q
Layer 4	MW-3A	D	Q	Q	Q
Layer 4	P-107D	D	Q	Q	Q
Layer 4	P-113A	D	Q	Q	Q
Private Wells	Baneck	D			A
Private Wells	Gaastra	D			A
Private Wells	Rohde	D			A
Landfill	Leachate LH-1	Within	A		A
Landfill	Leachate LH-2	Within	A		A
Landfill	Leachate LH-3	Within	A		A
Landfill	Gas VOCs LH-1	Within			Q
Landfill	Gas VOCs LH-2	Within			Q
Landfill	Gas VOCs LH-3	Within			Q
Landfill	Gas VOCs GV-6	Within			Q
Landfill	Gas VOCs GP-3	D			Q
Landfill	Cap Inspection On Landfill	On Landfill			A

Quarterly sampling (Q) should be done in January, April, July, and October. Semi Annual (SA) should be should in April and October. Annual sampling should be done in April. MNA stands for Monitored Natural Attenuation Parameters (Ph, Conductivity, Temperature, DO, ORP, Iron-Fe (II)). Gradient abbreviation "D" is downgradient, "U" is upgradient, and "S" is side gradient.

The Department appreciates your efforts to restore the environment at this site. Should you have any questions regarding this letter, please call me at (920) 892-8756, extension 3025 or email me at Christine.Lilek@wisconsin.gov. Thank you for your cooperation.

Sincerely,

Christine F Lilek

Christine Lilek
 Hydrogeologist
 Remediation & Redevelopment Program

cc: NER Plymouth File
 Gary Edelstein – RR/5
 Bernard Schorle, EPA – ecopy - schorle.bernard@epa.gov
 Mike Noel, GeoTrans – ecopy – mnoel@geotransinc.com
 Steve Barg, City of Ripon – ecopy – sbarg@cityofripon.com

Lilek, Christine F - DNR

From: Lilek, Christine F - DNR
Sent: Friday, April 08, 2011 11:58 AM
To: 'Olavarria, Nelson'
Cc: 'Jack Wendler'; 'Lori Rich'; 'Noel, Mike'; Edelstein, Gary A - DNR; 'Schorle.Bernard@epamail.epa.gov'; Thiboldeaux, Robert L - DHS; Heinen, Elizabeth M - DNR; 'gloria.smedema@fdlco.wi.gov'; 'Steve Barg'
Subject: Ripon City Landfill FF/NN RE: Reduced Sampling Schedule - Starting April 8, 2011
Attachments: ripon sf Indfl sampling 04-08-11.pdf

Ripon City Landfill FF/NN

RE: Reduced Sampling Schedule - Starting April 8, 2011



ripon sf Indfl
sampling 04-08-...

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Layer 2	P-107	D	Q		SA
Layer 2	P-108	S	Q		A
Layer 2	P-111	D	Q		A
Layer 3	MW-3B	D	Q	Q	Q

Layer 3	P-103D	D	Q	Q	Q
Layer 3	P-111D	D	Q	Q	Q
Layer 3	P-113B	D	Q	Q	Q
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Landfill	Gas VOCs GV-6	Within			Q
Landfill	Gas VOCs GP-3	D			Q
Landfill	Cap Inspection On	On			
Landfill	Landfill	Landfill			A

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The Department appreciates your efforts to restore the environment at this site. Should you have any questions regarding this letter, please call me at (920) 892-8756, extension 3025 or email me at Christine.Lilek@wisconsin.gov. Thank you for your cooperation.

Note:

I will be doing an audit on the monitored natural attenuation sampling on April 13, 2011. Sampling will be occurring at the site from April 12 to 14, 2011.

 Christine F. Lilek - CPG - PG

NER - Hydrogeologist - Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

1155 Pilgrim Road

Plymouth, WI 53073

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Tracking:

Recipient

Delivery

'Olavarria, Nelson'

'Jack Wendler'

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Delivery

'Lori Rich'

'Noel, Mike'

Edelstein, Gary A - DNR

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Thiboldeaux, Robert L - DHS

Heinen, Elizabeth M - DNR

'gloria.smedema@fdlco.wi.gov'

'Steve Barg'

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