

Holland Board of Public Works Fugitives
 Summary and Working Emissions for
 150-day Coal Supply
 Revised November 3, 2008

Table B-15. New Transfer/Crusher House Baghouse

Baghouse (scfm)	10000
Baghouse (gr /scf)	0.004
Baghouse Emissions (lb /hr)	0.34
Operating Time (hr /day)	24
Operating Time (day/ year)	365
Baghouse Emissions (lb/day)	8.23
Baghouse Emissions (tpy)	1.50

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Table B-16. Unit 10 Storage Silos (3) with Baghouse Control

Flow Rate of Baghouse (scfm)	15000
Baghouse (gr /scf)	0.004
Emissions (lb /hr)	0.51
Operating Time (hr /day)	24
Operating Time (day/ year)	365
Baghouse Emissions (lb/day)	12.34
Emissions (tpy)	2.25

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Table B-17. Unit 10 Limestone Feed Storage Baghouse

Flow Rate of Baghouse (scfm)	5000
Baghouse (gr /scf)	0.004
Emissions (lb /hr)	0.17
Operating Time (hr /day)	24
Operating Time (day/ year)	365
Baghouse Emissions (lb/day)	4.11
Emissions (tpy)	0.75

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Table B-18. New Fly Ash Silo Baghouse (Unit 10 Only)

Flow Rate of Baghouse (scfm)	1100
Baghouse (gr /scf)	0.004
Emissions (lb /hr)	0.04
Operating Time (hr /day)	24
Operating Time (day/ year)	365
Baghouse Emissions (lb/day)	0.91
Emissions (tpy)	0.17

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Table B-19. Existing Fly Ash Bin Filter (Units 4 & 5)

Size of Silo (ft ³)	8,482
Density of ash (lb/ft ³)	37
Bin Filter (gr /scf)	0.02
Bin Filter Emissions (lb /hr)	0.00052
Operating Hours	24
Bin Filter Emissions (lb/day)	0.0124
Bin Filter Emissions (tpy)	0.0023

20 ft diam by 27 ft tall storage capacity
 from MAERS

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AIR QUALITY DIV.

15.00%	ash moisture when Bargeped
0.1199	ton ash/ton coal factor
0.00	ton ash capacity
0.00	days capacity
768	ton coal/day Unit 10
max daily ash 92.11	tons ash based on ton ash/ton coal

156.92	ton ash capacity
1.95	days capacity
336	ton coal/day each boiler
max daily ash 80.60	tons ash based on ton ash/ton coal
for Unit 4 & 5 combined	