



**Table 1**  
**Mine Impact Summary**

	<u>Total Site - Acres</u>	<u>ACOE Wetlands - Acres</u>	<u>ACOE JD Stream - Feet</u>
<b>Total Mine Area Ac.</b>	<b>3,685</b>	<b>940</b>	32,210
Mined Area - Ac.	3,070	778	24,259
Disturbed (Not Mined) - Ac.	341	59	2,755
Mined or Disturbed Area - Ac.	3,411	719	27,014
Not to be Disturbed Area - Ac.	273	162	5,196
Reclaimed - Ac. (Not all mitigation)	3,411	943	27,913
Total - Post Reclamation	3,411	1,105	33,109
Pre to Post Change	274	165	899
% Increase	7%	18%	3%
Mine Life - Years	28 Years		

Source: Mosaic 2011

Not Including Wingate Extension

Including Wingate Corridor Permit \_\_\_\_\_



**Table 10**  
**Mine Plan Summary**

<b>Areas:</b>		
Total Mine Area	3,685	acres
Area to be Mined	3,070	acres
Area to be Disturbed (Not Mined)	341	acres
Total Area Mined or Disturbed	3,411	acres
Area not to be Disturbed	273	acres
Average Matrix Thickness	30	Feet
Average Overburden Thickness	42	Feet
Mine Life	28	Years
<b><u>Mining and Production Rates</u></b>	<b><u>Total</u></b>	<b><u>Average/year</u></b>
Mining rate - Acres	3,070	110
Product (short tons -Millions)	36	1.3
Tailing (Millions tons)	169	6
Clay (Millions tons)	29	1
Overburden Volume (Millions Cu. Yds.)	209	7

Source: Mosaic 2011

Not Including Wingate Extension

Including Wingate Corridor Permit \_\_\_\_\_



**Table 11**  
**Mine - Reclamation Schedule**

acres:

<u>Mine Year</u>	<u>Disturbed</u>	<u>Mined</u>	<u>Cumulative Mined &amp; Disturbed</u>	<u>Reclaimed</u>	<u>Cumulative Reclaimed</u>
Pre 2011	53		53		
1			53		
2			53		
3			53		
4			53		
5			53		
6			53		
7			53		0
8	58		111		0
9		63	174		0
10		94	268		0
11	34	109	411		0
12	13	167	591	26	26
13	7	101	699	34	60
14	1	90	790	38	98
15		100	890	58	156
16	3	95	988	43	199
17		102	1,090	30	229
18		83	1,173	31	260
19	3	127	1,302	27	287
20	4	119	1,426	32	319
21	1	190	1,617	14	333
22	20	174	1,811	25	358
23	13	113	1,937	46	404
24	9	109	2,055	103	507
25	24	153	2,232	72	579
26	8	126	2,365	139	718
27	20	90	2,475	216	934
28	8	85	2,568	159	1,093
29	2	93	2,663	152	1,245
30	9	52	2,724	103	1,348
31	5	51	2,780	93	1,441
32	2	57	2,839	72	1,513
33	2	59	2,900	118	1,631
34	14	57	2,971	51	1,682



35	8	89	3,068	88	1,770
36	20	77	3,165	59	1,829
37		89	3,254	61	1,890
38		49	3,303	77	1,967
39		59	3,363	91	2,058
40		48	3,411	73	2,131
41			3,411	74	2,205
42			3,411	68	2,273
43			3,411	1,138	3,411
45					
<i>Undisturbed</i>	<i>273</i>				
<b>Total:</b>	<b>614</b>	<b>3,070</b>	<b>3,411</b>	<b>3,411</b>	

Source: Mosaic 2011

Not Including Wingate Extension

Including Wingate Corridor Permit \_\_\_\_\_



<u>Disturbed and Unreclaimed</u>
53
53
53
53
53
53
53
53
111
174
268
411
565
639
692
734
789
861
913
1,015
1,107
1,284
1,453
1,533
1,548
1,653
1,647
1,541
1,475
1,418
1,376
1,339
1,326
1,269
1,289

Application No. SAJ-2009-03221  
Mosaic Fertilizer, L.L.C.  
Wingate East Mine  
Supporting Documentation



1,298
1,336
1,364
1,336
1,305
1,280
1,206
1,138
0