

MDEStat Meeting

August 6, 2012



Robert M. Summers, Secretary

Sue Battle-McDonald, Stat Director

Table 1: LMA's Projected Numbers of AFOs Registered

Date	Expected Number of AFOs Registered
9/30/11	$2 \text{ PW} \times 1 \text{ permit/week} \times 16 \text{ weeks} = 32 + 74 = 106$
12/31/11	$2 \text{ PW} \times 1 \text{ permit/week} \times 13 \text{ weeks} = 26 + 106 = 132$
3/31/12	$3 \text{ PW} \times 1 \text{ permit/week} \times 13 \text{ weeks} = 39 + 132 = 171$
6/30/12	$3 \text{ PW} \times 1 \text{ permit/week} \times 13 \text{ weeks} = 39 + 171 = 210$
9/30/12	$3 \text{ PW} \times 1 \text{ permit/week} \times 13 \text{ weeks} = 39 + 210 = 249$
12/31/12	$3 \text{ PW} \times 1 \text{ permit/week} \times 13 \text{ weeks} = 39 + 249 = 288$
12/31/13	$3 \text{ PW} \times 1 \text{ permit/week} \times 52 \text{ weeks} = 156 + 288 = 444$
3/31/14	$3 \text{ PW} \times 1 \text{ permit/week} \times 13 \text{ weeks} = 39 + 444 = 483$

Table 2: AFO Registration Progress

Note: This table is a basic, but important snapshot of the AFO program activities. Note that number “1” in the table is made up of its subparts, as is number “2”. (Continued on next slide)

	8/19/11	11/7/11	1/3/12	2/27/12	3/26/12	5/14/12	6/8/12	7/19/12
1. Total number of NOIs received	595	597	600	596	599	592	603	604
1a. Total number of AFO NOIs	471	471	473	466	465	452	462	463
1b. Total number of MAFO NOIs	97	97	98	99	99	97	97	98
1c. Number of NOIs withdrawn	27	29	29	31	35	43	44	43
2. Number of AFOs with NOI & CNMP received	331	347	353	365	374	422	425	439

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	8/19/11	11/7/11	1/3/12	2/27/12	3/26/12	5/14/12	6/8/12	7/19/12
2a. Number of CNMPs under review	219	214	193	170	181	205	194	190
2b. Number of AFOs under public comments	23	1	5	25	14	18	11	12
2c. Number of AFOs registered under GD Permit	89	132 (28%)	155 (33%)	170 (37%)	181 (39%)	199 (36% of AFOs & MAFOs)	220	237 (42% of active AFOs & MAFOs)

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	8/19/11	11/7/11	1/3/12	2/27/12	3/26/12	5/14/12	6/8/12	7/19/12
3. Number of AFO sites that have submitted compliance schedules to date	345	346	351	368	368	357	359	364
4. Number of AFO sites with compliance schedules executed*	331	332	339	357	357	348**	348	360

* Actual number of active AFO sites with fully executed compliance schedules. Does not count withdrawn sites which may have signed compliance schedules but are no longer in operation, or combined facilities, or MAFO sites who have submitted compliance schedules when they were under AFO status.

**Corrected based on TEMPO

Table 3: CAFO Monthly Inspection Targets as Reported by LMA in June 2012

	ECS II	ECS III	ECS Supervisor	Total Expected Per Month
Apr-Jul	5	12	6	23
Aug-Mar	10	12	6	28

Table 4: AFO Inspections

	FY10	FY11	FY12 ORIGINAL LMA Target	FY12 REVISED LMA Target	FY12 Totals	FY13 Target
“Notified” (ie NOI submitted) AFO AI Sites Inspected	49	58	240	47	129*	47
“Notified” (ie NOI submitted) MAFO AI Sites Inspected	2	3	5	20	0	20
Non-notified Sites Inspected	289		NR	50	8	60
Non-notified Sites Inspected and Found to be AFOs or MAFOs	1	37	25	N/A	8	N/A
Follow-up Inspections and Complaints	Not requested.			41	45	41
Total Inspections Conducted (including sites found not to be AFOs or MAFOs)	52	319	270	158	174*	168
Minor Violations Found	5	76	N/A	N/A	55	N/A
Significant Violations Found	0	5	N/A	N/A	7	N/A

** Numbers adjusted based on end-of-year analysis and definition clarifications.*

Table 5: Unregistered AFO Sites That Have Submitted Compliance Schedules That MDE Has Not Executed

PM	AFOs, No Compliance Schedule and Not Registered Under 2009 General Permit	AI Number	CNMP Received Date	Status	Status of Compliance Schedule*
J	Minh V. Ma/ The Good, The Bad, The Ugly	66770	2-25-09	Compliance Schedule 2	Due 7/29
J	Minh V. Ma/Green Farm	130889	2-25-09	Compliance Schedule 2	Due 7/29
J	Donald Davis	134494	6-1-11	Compliance Schedule 2	Due 7/29
J	Thomas Robert Leager Jr./T & L Leager	130376	3-3-10	Compliance Schedule 2	Due 7/29
G	David Stephen Scully	133304	N/A	Processing CS 1	Referred to AG Farm still in forfeiture as of 7/19

□ = Outcome dependent on others, short-term delay — = Outcome dependent on others, possible long-term delay

Table 6: Sewage Sludge Permit Turnaround Times

10 months - Land Application
24 months - Innovative Project
45 days - Research Project
5 months - Utilization/Disposal at a Landfill
4 months – Transportation
23 months - Energy Generation/Incineration
23 months – Storage
36 months - Landfill or Septage Landfill
23 months - Treatment Facility
6 months – Marketing
10 months - Reclamation Site
23 months - Composting Facility
10 months - Land App/Reclamation Site
23 months - Distribution

Table 7: Administratively-Extended Sewage Sludge Permits *(Continued on next slide)*

Permittee	Facility Name	Permit Type	Existing Permit Expired	Target Issuance Date
Merscot II, Inc & M&E II, Inc.	Baltimore City Composting/Veolia Water North America-Central, LLC	Composting Facility	7/10/2010	July 2012 – extended due to applicant delay
Synagro-WWT, Inc.	Synagro-Patapsco Pelletizer	Treatment Facility	4/20/2011	Dec 2012
Synagro Central, LLC	Martin Family Property, HF-19	Land Application	12/3/2011	July 2012 – extended due to applicant delay
Synagro Central, LLC	Martin Family, HF-18	Land Application	12/3/2011	July 2012 – extended due to applicant delay
Synagro Central, LLC	Longfellow/ Dunn Property, CR-127	Land Application	1/23/2012	Sept 2012
Synagro Central, LLC	Israel & Rachel Fisher Property, SM-72	Land Application	1/8/2012	Oct 2012
Synagro Central, LLC	Jacob And Lena Fisher, SM-69	Land Application	1/15/2012	Issued

Table 7: Administratively-Extended Sewage Sludge Permits *(Continued on next slide)*

Permittee	Facility Name	Permit Type	Existing Permit Expired	Target Issuance Date
Synagro Central, LLC	Guy, Gloria And Robert Hall Farm, CV-23	Land Application	1/23/2012	Issued
Synagro Central, LLC	Edward Cronshaw And Nancy Jones Property, QA-105	Land Application	4/19/2012	Issued
Synagro-WWT, Inc.	Cassandra S.B. Campbell, Crofton And Parran Brisco	Land Application	3/18/2012	Jan 2013
Synagro-WWT, Inc.	Tynewydd Farms, CV-41	Land Application	4/10/2012	Jan 2013
Harford County Public Schools	Harford County- Sod Run WWTP	Transportation	6/21/2012	Issued
Spirit Services, Inc.	Forty West Municipal Landfill	Disposal at Landfill	5/31/2012	Issued

Table 7: Administratively-Extended Sewage Sludge Permits

Permittee	Facility Name	Permit Type	Existing Permit Expired	Target Issuance Date
Synagro Central, LLC	Robert J. Jr. and Judith L. Tibbs Property, HF 23	Land Application	7/16/2012	April 2013
Synagro Central, LLC	Ben Lee Farms, Inc., QA 87	Land Application	6/27/2012	April 2013
Synagro Central, LLC	Clude C and Oleita M. Hall Property, HF 9	Land Application	7/19/2012	April 2013
Synagro Central, LLC	Winfield T. Jr. and Alice A. Archer Property, HF 5	Land Application	7/12/2012	April 2013

Note: The target issuance dates are based on the permit being issued within the standard permit review time for the permit category.

Table 8: LMA Enforcement Cases in OAG by Priority Level (Continued on next slide)

Priority Category	11/15/10	3/28/11	6/20/11	12/12/11	2/16/12	3/26/12	7/30/12
5	Lead-4 SWP-0 OCP-5 HWP-0	Lead-5 SWP-0 OCP-5 HWP-0	Lead-6 SWP-0 OCP-7 HWP-0	Lead SWP - 0 OCP - 2 HWP - 0 Scrap Tires - 0 Mining - 0	Lead - 4 SWP - 0 OCP - 2 HWP - 0 Mining - 0	Lead - 2 SWP - 0 OCP - 0 HWP - 0 Scrap Tires - 2 Mining - 0 AFO - 0 E-Cycling - 0	Lead - 7 SWP - 3 OCP - 3 HWP - 0 Scrap Tires - 2 Mining - 0 AFO - 0 E-Cycling - 0
4	Lead-31 SWP-4 OCP-1 HWP-1	LEAD-29 SWP-3 OCP-1 HWP-1	LEAD-27 SWP-3 OCP-1 HWP-1	Lead - SWP - 6 OCP - 1 HWP - 1 Scrap Tires - 1 Mining - 0	Lead - 48 SWP - 5 OCP - 1 HWP - 1 Mining - 0	Lead - 49 SWP - 7 OCP - 2 HWP - 1 Scrap Tires - 4 Mining - 0 AFO - 0 E-Cycling - 0	Lead - 48 SWP - 6 OCP - 2 HWP - 3 Scrap Tires - 4 Mining - 0 AFO - 4 E-Cycling - 0

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Priority Category	11/15/10	3/28/11	6/20/11	12/12/11	2/16/12	3/26/12	7/30/12
3	Lead-133 SWP-7 OCP-7 HWP-2	LEAD-119 SWP-20 OCP-8 HWP-2	LEAD-132 SWP-23 OCP-6 HWP-3	Lead - OSP - 0 SWP - OCP -11 HWP - 1 Scrap Tires - 2 MP - 0	Lead - 129 SWP - 21 OCP - 11 HWP - 0 Mining -	Lead - 126 SWP - 22 OCP - 11 HWP - 0 Scrap Tires - 7 Mining - 0 AFO - 1 E-Cycling - 0	Lead - 129 SWP - 27 OCP - 10 HWP - 0 Scrap Tires - 8 Mining - 0 AFO - 1 E-Cycling - 1
2	Lead-86 SWP-3 OCP-5 HWP-4	LEAD-88 SWP-11 OCP-4 HWP-4	LEAD-93 SWP-8 OCP-4 HWP-4	Lead - SWP - 9 OSP - 0 HWP - 3 Scrap Tires - 2 MP - 0 OCP - 5	Lead - 92 SWP - 8 OCP - 5 HWP - 3 Mining - 0	Lead - 91 SWP - 9 OCP - 3 HWP - 3 Scrap Tires - 4 Mining - 0 AFO - 0 E-Cycling - 0	Lead - 91 SWP - 8 OCP - 4 HWP - 3 Scrap Tires - 5 Mining - 0 AFO - 8 E-Cycling - 0

Table 8: LMA Enforcement Cases in OAG by Priority Level

Priority Category	11/15/10	3/28/11	6/20/11	12/12/11	2/16/12	3/26/12	7/30/12
1	Lead – 30 SWP-2 OCP-3 HWP-7	LEAD-26 SWP-1 OCP-5 HWP-3	LEAD-32 SWP-1 OCP-6 HWP-3	Lead - SWP – 1 OCP – 4 HWP – 1 Scrap Tires - 0 MP – 0	Lead – 25 SWP – 1 OCP – 4 HWP – 1 Mining – 0	Lead – 28 SWP – 3 OCP – 6 HWP – 1 Scrap Tires – 0 Mining – 0 AFO – 0 E-Cycling – 0	Lead – 35 SWP – 2 OCP – 6 HWP – 1 Scrap Tires – 0 Mining – 1 AFO - 0 E-Cycling – 0
Total	Lead-284 SWP-16 OCP-21 HWP-14 Total-335	LEAD-267 SWP-35 OCP-23 HWP-10 Total-335	LEAD-290 SWP-35 OCP-24 HWP-11 Total-360	Lead - SWP – 38 OCP – 23 HWP – 6 Scrap Tires - 5 MP – 0 Total -	Lead – 298 SWP – 35 OCP – 23 HWP – 7 Mining – 0 TOTAL - 363	Lead – 296 SWP – 41 OCP – 25 HWP – 5 Scrap Tires – 17 Mining – 0 AFO – 1 E-Cycling – 0 TOTAL – 767	Lead – 310 SWP – 46 OCP – 25 HWP – 7 Scrap Tires – 19 Mining – 1 AFO - 13 E-Cycling – 0 TOTAL – 843