YOSHIMURA, GWEN

From: Sandra Hom <SHom@aqmd.gov>
Sent: Friday, May 17, 2013 3:31 PM
To: YOSHIMURA, GWEN
Cc: Solomon Teffera
Subject: RE: Exide data
Attachments: 5-16-2013 ATSF-Rehrig percent diff in standard vs actual air volumes.xlsx

Hi Gwen,

I have attached a copy of some data I have for the ATSF and Rehrig data so that you can see what the standard and actual air volumes are and the values of the Pb with the different air volumes. When you go to two places after the decimal, you don't see any differences. You need to look at more decimal places to see the affect of the different air volumes.

I hope that this information is helpful to you.

Have a nice weekend.
Sandra

From: YOSHIMURA, GWEN [mailto:Yoshimura.Gwen@epa.gov]
Sent: Friday, May 17, 2013 8:54 AM
To: Sandra Hom
Subject: RE: Exide data

Thanks for the reminder! I feel like I actually asked you this before, but do you know about how much difference that makes (switching the Exide-Rehrig Pacific and AT&SF values from STP as presented in the spreadsheet, to LC)?

The Rehrig monitors are the ones in the parking lot across from the facility, and the AT&SF monitor is the one by the railroad track. Could you remind me where the Exide Mid monitor is?

Thanks Sandra!

-Gwen

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From: Sandra Hom [mailto:SHom@aqmd.gov]
Sent: Tuesday, May 14, 2013 5:16 PM
To: YOSHIMURA, GWEN
Cc: Solomon Teffera
Subject: FW: Exide data

Hi Gwen,

I just wanted to make a comment that the data for Exide-AT&SF and Exide-Rehrig Pacific is based on standard air volume (would have been reported under 12128 aqs parameter). And the data for the Exide Mid is based on actual (ambient) air volume.

We started this spreadsheet before the 14129 aqs parameter was begun. By the time the Exide Mid sampling started, our LIMS system was set up so that we report the values based on actual air volume. All the Pb values we send to aqs are based on actual air volume. But since we started the spreadsheet using the standard air volume, we calculate the values in another spreadsheet for standard air volumes and report them in the attached format.

I hope that this is not too confusing,
Sandra

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From: Solomon Teffera
Sent: Tuesday, May 14, 2013 3:25 PM
To: Yoshimura.Gwen@epamail.epa.gov
Cc: Rudy Eden; Jason Low; Andrea Polidori; Sandra Hom
Subject: RE: Exide data

Hi Gwen:

I have attached the latest Exide lead (Pb) data as requested. This is the same validated data file we prepare for Rudy to be used for internal and external uses. This file is updated twice a month or so. As you can see, the format is different than what you would get from AQS. But you will find it easier to calculate the 3-month averages. Let us know if you need anything else.

Thanks

Solomon Teffera

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From: Sandra Hom
Sent: Tuesday, May 14, 2013 9:17 AM
To: Solomon Teffera
Subject: FW: Exide data

Solomon,
What do you think I should send to Gwen?
Sandra

From: YOSHIMURA, GWEN [mailto:Yoshimura.Gwen@epa.gov]
Sent: Tuesday, May 14, 2013 9:14 AM
To: Jason Low; Sandra Hom
Subject: Exide data

Hello!

Would it be possible for you to send me the latest Exide data by COB Thursday? I know it's in AQS, but with the collocated situation it's a bit more difficult to develop the monthly averages and 3-month rolling averages. If you have something on hand, that would be great.

Thanks much,
Gwen

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Sample date	Sampler Numb	Site	Std. Air Volume	Pb, ug/m^3 based on std air vol	Actual Air Vol.	Pb, ug/m^3 based on actual air vol	% difference from Pb based on std air vol
12/26/2012	1545	ATSF	1704	0.015	1650	0.016	3.3
12/29/2012	1545	ATSF	1704	0.013	1630	0.014	4.5
1/1/2013	1545	ATSF	1703	0.027	1633	0.028	4.3
1/4/2013	1545	ATSF	1704	0.028	1642	0.029	3.8
1/7/2013	1545	ATSF	1704	0.029	1647	0.030	3.5
1/10/2013	1545	ATSF	1704	0.016	1644	0.016	3.6
1/16/2013	1545	ATSF	1703	0.031	1634	0.033	4.2
1/19/2013	1545	ATSF	1704	0.016	1674	0.016	1.8
1/22/2013	1545	ATSF	1704	0.026	1681	0.027	1.4
1/25/2013	1545	ATSF	1703	0.005	1669	0.005	2.0
1/28/2013	1545	ATSF	1704	0.012	1638	0.012	4.0
1/31/2013	1545	ATSF	1704	0.029	1661	0.029	2.6
2/3/2013	1545	ATSF	1704	0.018	1676	0.018	1.7
2/6/2013	1545	ATSF	1704	0.013	1653	0.013	3.1
2/9/2013	1545	ATSF	1704	0.015	1632	0.015	4.4
2/21/2013	1545	ATSF	1704	0.016	1644	0.016	3.6
2/24/2013	1545	ATSF	1704	0.013	1648	0.013	3.4
2/27/2013	1545	ATSF	1704	0.030	1660	0.031	2.7
3/2/2013	1545	ATSF	1704	0.017	1687	0.017	1.0
3/5/2013	1545	ATSF	1703	0.019	1650	0.019	3.2
3/8/2013	1545	ATSF	1704	0.013	1645	0.013	3.6
						average =	3.1
12/25/2012	1563	Rehrig A	1704	0.025	1646	0.026	3.5
12/26/2012	1553	Rehrig B	1704	0.050	1652	0.052	3.1
12/27/2012	1581	Rehrig C	1704	0.086	1646	0.089	3.5
12/28/2012	1563	Rehrig A	1704	0.055	1637	0.057	4.1
12/29/2012	1553	Rehrig B	1704	0.015	1628	0.016	4.7
12/30/2012	1581	Rehrig C	1703	0.031	1626	0.033	4.7
1/2/2013	1581	Rehrig C	1703	0.070	1640	0.073	3.8
1/3/2013	1563	Rehrig A	1704	0.157	1648	0.162	3.4
1/4/2013	1553	Rehrig B	1704	0.112	1645	0.116	3.6
1/4/2013	1581	Rehrig C	1716	0.100	1652	0.103	3.9
1/5/2013	1563	Rehrig A	1704	0.051	1634	0.053	4.3
1/6/2013	1581	Rehrig C	1704	0.106	1628	0.111	4.7
1/7/2013	1553	Rehrig B	1704	0.104	1650	0.107	3.3
1/8/2013	1563	Rehrig A	1703	0.071	1654	0.073	3.0

1/9/2013	1581	Rehrig C	1704	0.073	1648	0.076	3.4
1/10/2013	1553	Rehrig B	1704	0.124	1647	0.129	3.5
1/10/2013	1553	Rehrig B	1704	0.134	1647	0.139	3.5
1/11/2013	1563	Rehrig A	1704	0.125	1625	0.131	4.9
1/12/2013	1581	Rehrig C	1703	0.041	1619	0.043	5.2
1/13/2013	1553	Rehrig B	1704	0.047	1622	0.049	5.1
1/13/2013	1553	Rehrig B	1704	0.050	1622	0.053	5.1
1/14/2013	1563	Rehrig A	1704	0.057	1609	0.060	5.9
1/15/2013	1581	Rehrig C	1704	0.040	1607	0.042	6.0
1/16/2013	1563	Rehrig A	1704	0.054	1634	0.056	4.3
1/16/2013	1553	Rehrig B	1704	0.054	1637	0.056	4.1
1/17/2013	1581	Rehrig C	1704	0.055	1663	0.056	2.5
1/18/2013	1563	Rehrig A	1704	0.038	1674	0.038	1.8
1/19/2013	1553	Rehrig B	1704	0.026	1671	0.026	2.0
1/20/2013	1563	Rehrig A	1704	0.027	1673	0.027	1.9
1/21/2013	1581	Rehrig C	1703	0.077	1678	0.079	1.5
1/22/2013	1553	Rehrig B	1705	0.050	1677	0.051	1.7
1/24/2013	1581	Rehrig C	1704	0.019	1648	0.020	3.4
1/25/2013	1553	Rehrig B	1705	0.007	1664	0.007	2.5
1/26/2013	1563	Rehrig A	1704	0.023	1671	0.023	2.0
1/27/2013	1581	Rehrig C	1704	0.037	1648	0.039	3.4
1/28/2013	1563	Rehrig A	1704	0.089	1638	0.093	4.0
1/28/2013	1553	Rehrig B	1704	0.080	1636	0.083	4.2
1/29/2013	1581	Rehrig C	1704	0.031	1627	0.032	4.7
1/30/2013	1563	Rehrig A	1704	0.054	1642	0.056	3.8
1/31/2013	1553	Rehrig B	1705	0.042	1658	0.044	2.8
2/1/2013	1581	Rehrig C	1703	0.069	1667	0.071	2.2
2/2/2013	1563	Rehrig A	1704	0.115	1677	0.117	1.6
2/3/2013	1553	Rehrig B	1705	0.049	1673	0.049	1.9
2/4/2013	1581	Rehrig C	1704	0.074	1652	0.076	3.1
2/5/2013	1563	Rehrig A	1704	0.057	1651	0.059	3.2
2/6/2013	1553	Rehrig B	1704	0.047	1649	0.049	3.3
2/7/2013	1581	Rehrig C	1663	0.065	1596	0.068	4.2
2/8/2013	1563	Rehrig A	1704	0.141	1636	0.147	4.2
2/9/2013	1553	Rehrig B	1704	0.032	1627	0.033	4.7
2/9/2013	1581	Rehrig C	1663	0.031	1583	0.032	5.1
2/10/2013	1563	Rehrig A	1704	0.021	1632	0.022	4.4
2/11/2013	1581	Rehrig C	1703	0.118	1626	0.123	4.7
2/16/2013	1563	Rehrig A	1704	0.094	1656	0.096	2.9
2/20/2013	1581	Rehrig C	1703	0.364	1639	0.378	3.9
2/21/2013	1553	Rehrig B	1704	0.075	1641	0.077	3.8

2/22/2013	1563	Rehrig A	1704	0.070	1641	0.072	3.8
2/23/2013	1581	Rehrig C	1703	0.030	1637	0.032	4.0
2/24/2013	1563	Rehrig A	1704	0.031	1650	0.032	3.3
2/24/2013	1553	Rehrig B	1704	0.036	1645	0.037	3.6
2/25/2013	1581	Rehrig C	1703	0.095	1639	0.099	3.9
2/27/2013	1553	Rehrig B	1704	0.071	1658	0.073	2.8
2/28/2013	1581	Rehrig C	1703	0.103	1658	0.106	2.7
3/1/2013	1563	Rehrig A	1704	0.096	1687	0.097	1.0
3/2/2013	1553	Rehrig B	1703	0.045	1682	0.045	1.2
3/3/2013	1581	Rehrig C	1704	0.033	1657	0.034	2.8
3/4/2013	1563	Rehrig A	1704	0.102	1663	0.104	2.5
3/5/2013	1553	Rehrig B	1703	0.100	1648	0.103	3.3
3/5/2013	1581	Rehrig C	1703	0.105	1640	0.109	3.8
3/6/2013	1563	Rehrig A	1704	0.139	1651	0.144	3.2
3/7/2013	1581	Rehrig C	1703	0.074	1643	0.076	3.7
3/8/2013	1553	Rehrig B	1703	0.065	1644	0.067	3.6
3/9/2013	1563	Rehrig A	1704	0.035	1649	0.036	3.3
3/10/2013	1581	Rehrig C	1703	0.055	1644	0.057	3.6
3/11/2013	1553	Rehrig B	1703	0.070	1660	0.072	2.6
3/12/2013	1563	Rehrig A	1704	0.179	1675	0.182	1.7
						average =	3.5