

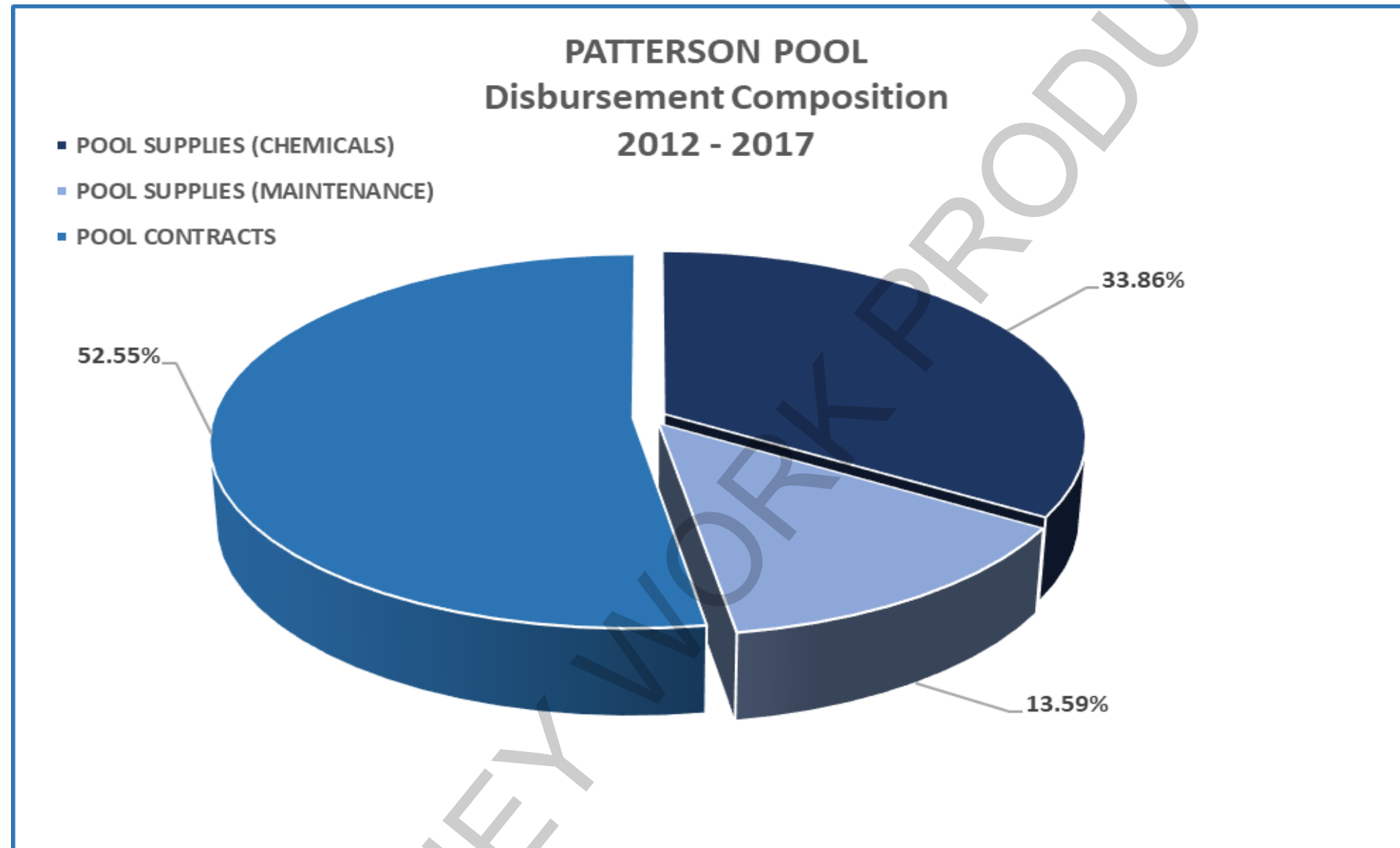
PATTERSON POOL CO. ANALYSIS

Origin of Information Analyzed:

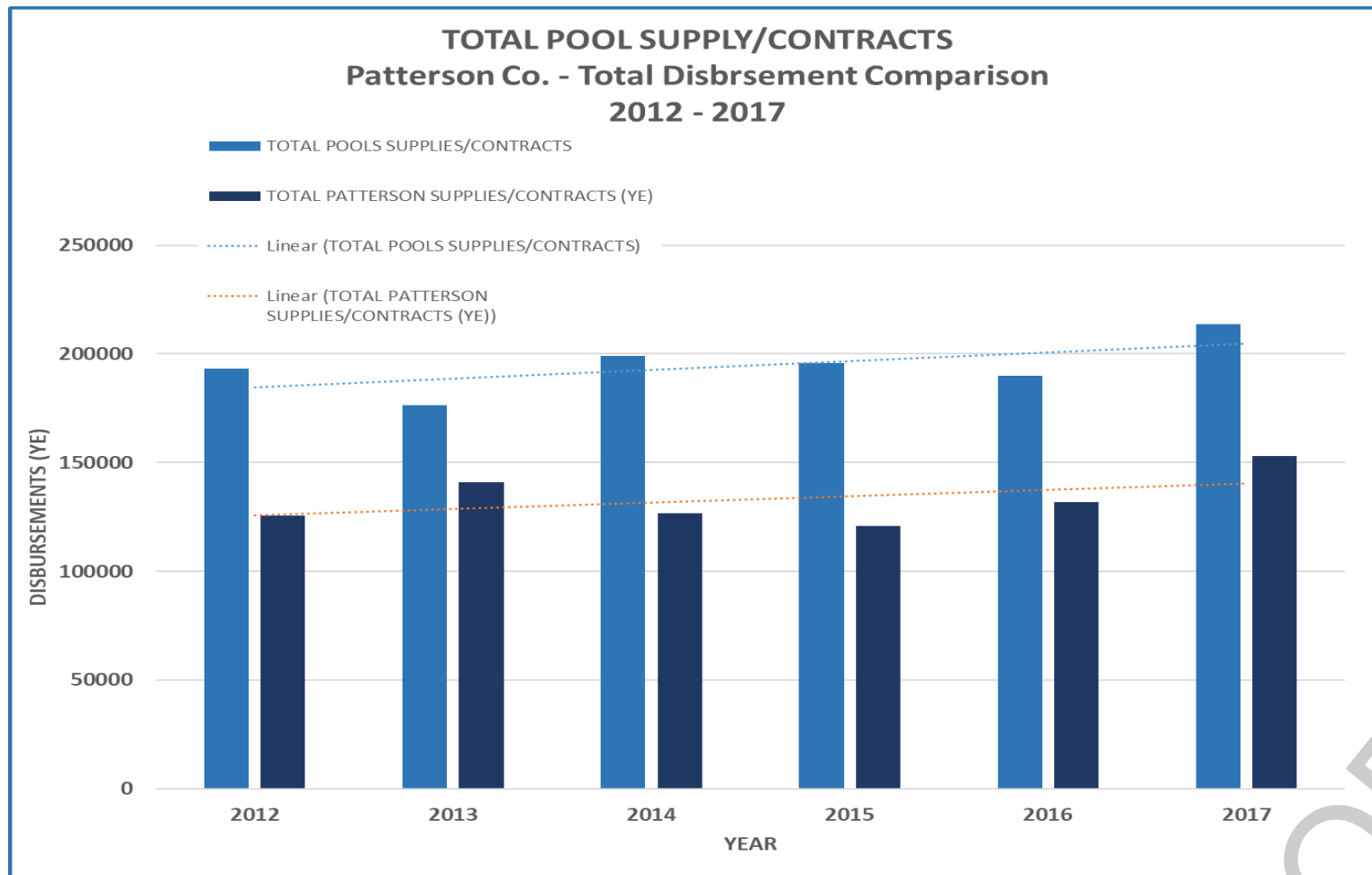
- Schneider Downs and Co., Inc. (SD) obtained the December month-end MTD/YTD EXPENSE PERIOD REPORT and MTD/YTD REVENUE PERIOD REPORTS (general ledger account summaries) for the years 1996 through 2018 from Karrie Martin – Fiscal Officer which capture both month-to-date and year-to-date expense and receipt totals for the City of Hilliard for all departments. Each general ledger account is unique as to the origin of the expense and receipt and the associated department. The Fiscal Officer provided SD the reports in EXCEL format having extracted the information out of the Creative Microsystems, Incorporated (CMI) accounting system which is the City of Hilliard's system of record for financial capture and reporting.
- SD analyzed the Recreation and Parks Department expenses and receipts for the period 2012 through 2017 in order to analyze trends in expenses and receipts during Heather Ernst's tenure as Deputy Director – Recreation and Parks.

Analysis Performed:

- SD reviewed the overall expense accounts, for the period 2012 through 2017, to include all funds and objects in which Patterson Pool Company (Patterson) supplies (which include chemicals and maintenance) and contracts were recorded. The expense account records were provided by the Fiscal Officer. SD identified the following expense categories which were used to perform the Patterson disbursement analysis: (1) pool supplies – chemicals (account 101.306.52320) which totaled \$270,579.71 (33.86% of total Patterson disbursements), (2) pool supplies – maintenance (account 101.306.52320) which totaled \$108,592.64 (13.59% of total Patterson disbursements), and (3) pool contracts (account 101.306.53330) which totaled \$419,887.11 (52.55% of total Patterson disbursements).
- SD compared the Patterson supply and contract (account 101.306.52320 - POOL SUPPLIES and account 101.306.53330 - POOL CONTRACTS) disbursement trend to the total supply and disbursement trend. SD identified an average annual increase in total year end Patterson pool supply (chemicals and maintenance supplies) and contract disbursements of 4.48% for the period 2012 through 2017 (2017 being the last year Patterson disbursement transaction occurred). SD identified an average annual increase in the corresponding total pool supply and contract disbursement of 2.42%.
- SD identified an average annual increase in the Patterson pool supplies disbursements (account 101.306.52320) of 13.79% and an average annual increase in the total pool supplies of 4.68% for the period 2012 through 2017. SD identified a 43.37% increase in total Patterson pool supply disbursements compared to a 6.67% decrease in total pool supply disbursements in 2013 and a 46.22% increase in total Patterson pools supply disbursements compared to a 23.15% increase in total pool supply disbursements in 2017.
- SD identified an average annual decrease in the Patterson contracts disbursements (account 101.306.53330) of 1.38% and an average annual decrease in the total pool contracts disbursements of 0.53% for 2012 through 2017.



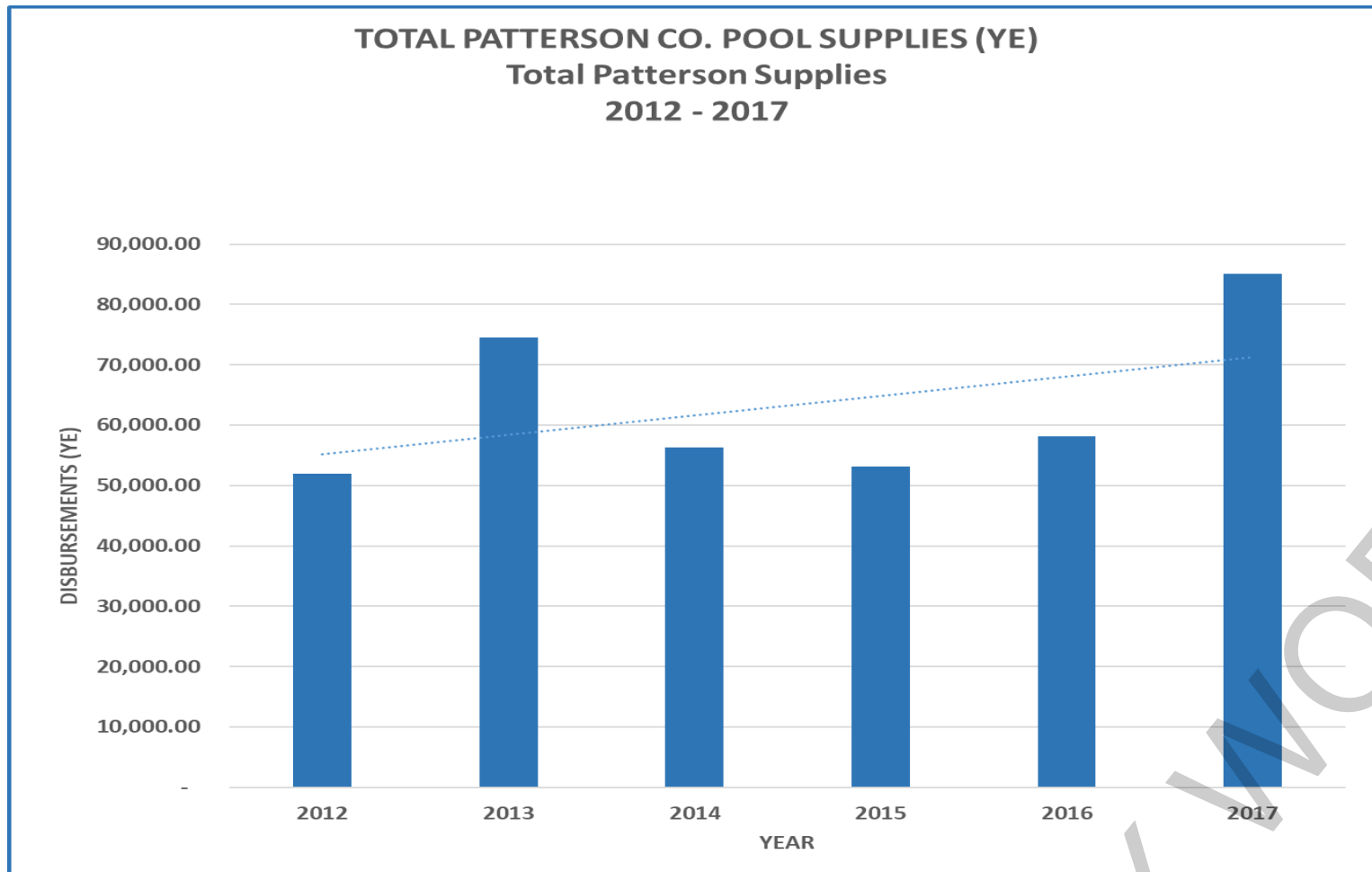
SD identified the following expense categories which were used to perform the Patterson disbursement analysis: (1) pool supplies – chemicals which totaled \$270,579.71 (33.86% of total Patterson disbursements), (2) pool supplies – maintenance which totaled \$108,592.64 (13.59% of total Patterson disbursements), and (3) pool contracts which totaled \$419,887.11 (52.55% of total Patterson disbursements).



SD compared the Patterson supply and contract (account 101.306.52320 - POOL SUPPLIES and account 101.306.53330 - POOL CONTRACTS) disbursement trend to the total supply and disbursement trend. SD identified an average annual increase in total year end Patterson pool supply (chemicals and maintenance supplies) and contract disbursements of 4.48% for the period 2012 through 2017 (2017 being the last year Patterson disbursement transaction occurred). SD identified an average annual increase in the corresponding total pool supply and contract disbursement of 2.42%.

		2012	2013	2014	2015	2016	2017	TOTAL
101.306.52320	POOL SUPPLIES	119,776.94	111,790.02	130,454.09	129,298.78	117,766.06	145,032.41	754,118.30
101.306.53330	POOL CONTRACT	71,490.58	64,726.07	68,641.15	66,461.66	72,023.23	68,832.32	412,175.01
TOTAL POOL SUPPLIES/CONTRACTS		193,279.52	176,516.09	199,095.24	195,760.44	189,789.29	213,864.73	1,168,305.31
%Δ in Total Pool Supply/Contracts (YE)		-	-8.67%	12.79%	-1.67%	-3.05%	12.69%	2.42%

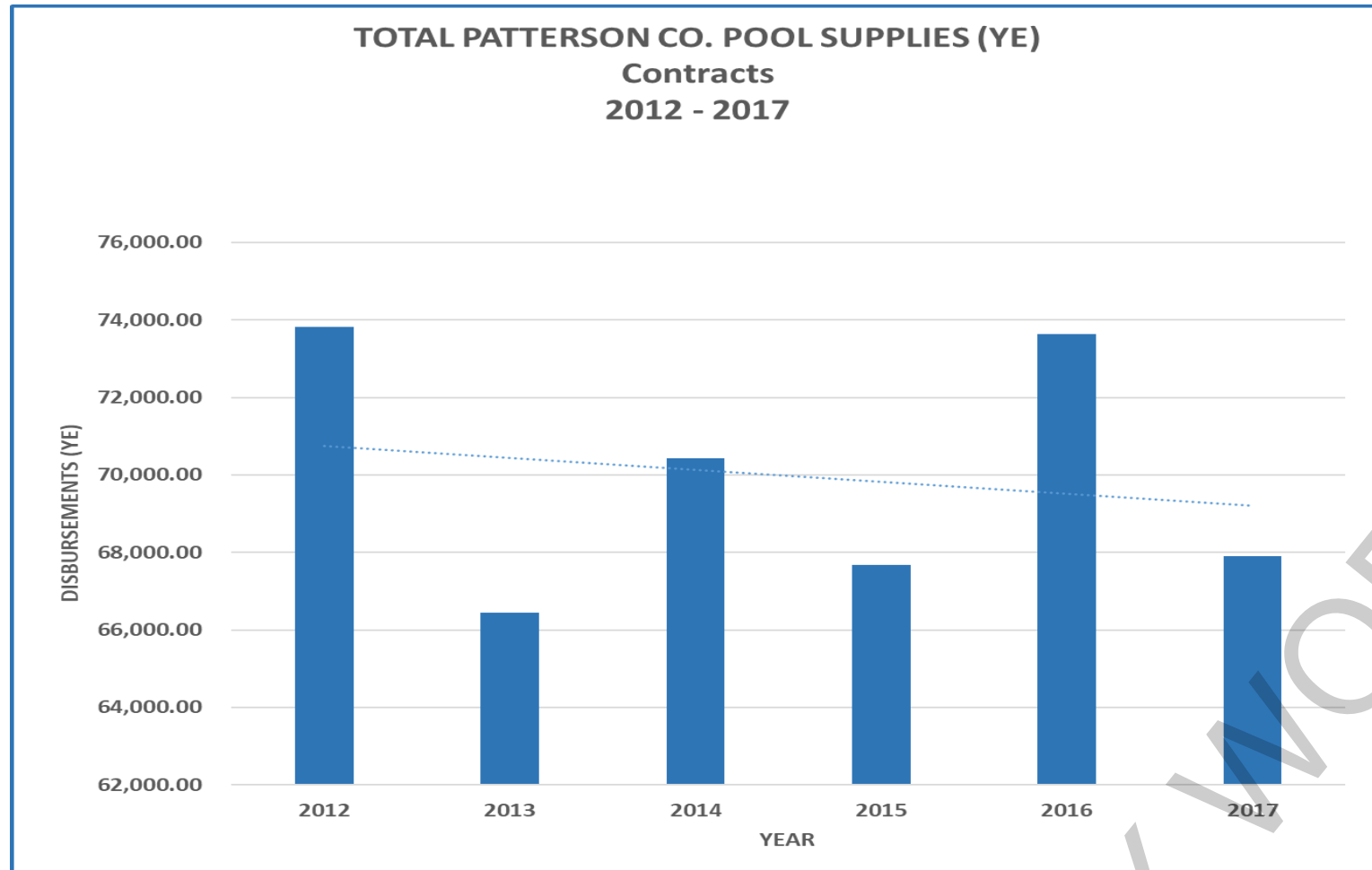
		2012	2013	2014	2015	2016	2017	TOTAL
101.306.52320	POOL SUPPLIES (CHEMICALS)	38,238.35	35,869.98	46,389.82	46,351.55	51,405.74	52,324.27	270,579.71
101.306.52320	POOL SUPPLIES (MAINTENANCE)	13,728.81	38,637.45	9,972.66	6,822.09	6,739.19	32,692.44	108,592.64
		51,967.16	74,507.43	56,362.48	53,173.64	58,144.93	85,016.71	379,172.35
101.306.53330	POOL CONTRACTS	73,820.58	66,442.56	70,420.15	67,674.83	73,631.17	67,897.82	419,887.11
TOTAL PATTERSON CO.		125,787.74	140,949.99	126,782.63	120,848.47	131,776.10	152,914.53	799,059.46
%Δ in Patterson Pool Supply/Contracts (YE)		-	12.05%	-10.05%	-4.68%	9.04%	16.04%	4.48%



SD identified an average annual increase in the Patterson pool supplies disbursements (account 101.306.52320) of 13.79% and an average annual increase in the total pool supplies of 4.68% for the period 2012 through 2017. SD identified a 43.37% increase in total Patterson pool supply disbursements compared to a 6.67% decrease in total pool supply disbursements in 2013 and a 46.22% increase in total Patterson pools supply disbursements compared to a 23.15% increase in total pool supply disbursements in 2017.

		2012	2013	2014	2015	2016	2017	TOTAL
101.306.52320	POOL SUPPLIES	119,776.94	111,790.02	130,454.09	129,298.78	117,766.06	145,032.41	754,118.30
	%Δ in Total Pool Supply (YE)	-	-6.67%	16.70%	-0.89%	-8.92%	23.15%	4.68%

		2012	2013	2014	2015	2016	2017	TOTAL
101.306.52320	POOL SUPPLIES (TOTAL PATTERSON)	51,967.16	74,507.43	56,362.48	53,173.64	58,144.93	85,016.71	379,172.35
	%Δ in Patterson Pool Supply (YE)	-	43.37%	-24.35%	-5.66%	9.35%	46.22%	13.79%



SD identified an average annual decrease in the Patterson contracts disbursements (account 101.306.53330) of 1.38% and an average annual decrease in the total pool contracts disbursements of 0.53% for 2012 through 2017.

		2012	2013	2014	2015	2016	2017	TOTAL
101.306.53330	POOL CONTRACT	71,490.58	64,726.07	68,641.15	66,461.66	72,023.23	68,832.32	412,175.01
	%Δ in Total Pool Contracts (YE)	-	-9.46%	6.05%	-3.18%	8.37%	-4.43%	-0.53%

		2012	2013	2014	2015	2016	2017	TOTAL
101.306.53330	POOL CONTRACTS	73,820.58	66,442.56	70,420.15	67,674.83	73,631.17	67,897.82	419,887.11
	%Δ in Patterson Pool Contracts (YE)	-	-9.99%	5.99%	-3.90%	8.80%	-7.79%	-1.38%