



Linn County Air Program February 15, 2018



Public Health
Prevent. Promote. Protect.

Linn County, Iowa



AGENDA

- Introductions
- 2017 Highlights
- 2018 Process Improvement
- Draft FY19 Budget
- FY19 Proposed Fees



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

2017 Highlights



- **Credit Card Payment Option**
 - Service charge applies
 - ≤\$50 = \$1.50
 - >\$50 = 3% of total
- **Waiver of Small Engine Annual Reports**
 - Registration holders no longer required to submit annual hours of operation to LCPH
- **Compliance Email Address**
 - Compliance related forms, notifications, and reports should be sent to:
ComplianceReporting-Air@linncounty.org
- **Air Quality Alerts**
 - Sign up for air quality alerts at: www.linncounty.org/list.aspx
 - AQI is unhealthy for sensitive groups
 - Email and text options
- **Idle Free Linn**
 - Initiative to reduce air emissions from unnecessary vehicle idling in Linn County
 - Encourages schools, local government and private business to adopt and implement vehicle idling policies.
 - Contact Amy Drahos at: amy.drahos@linncounty.org



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

2018 Process Improvements

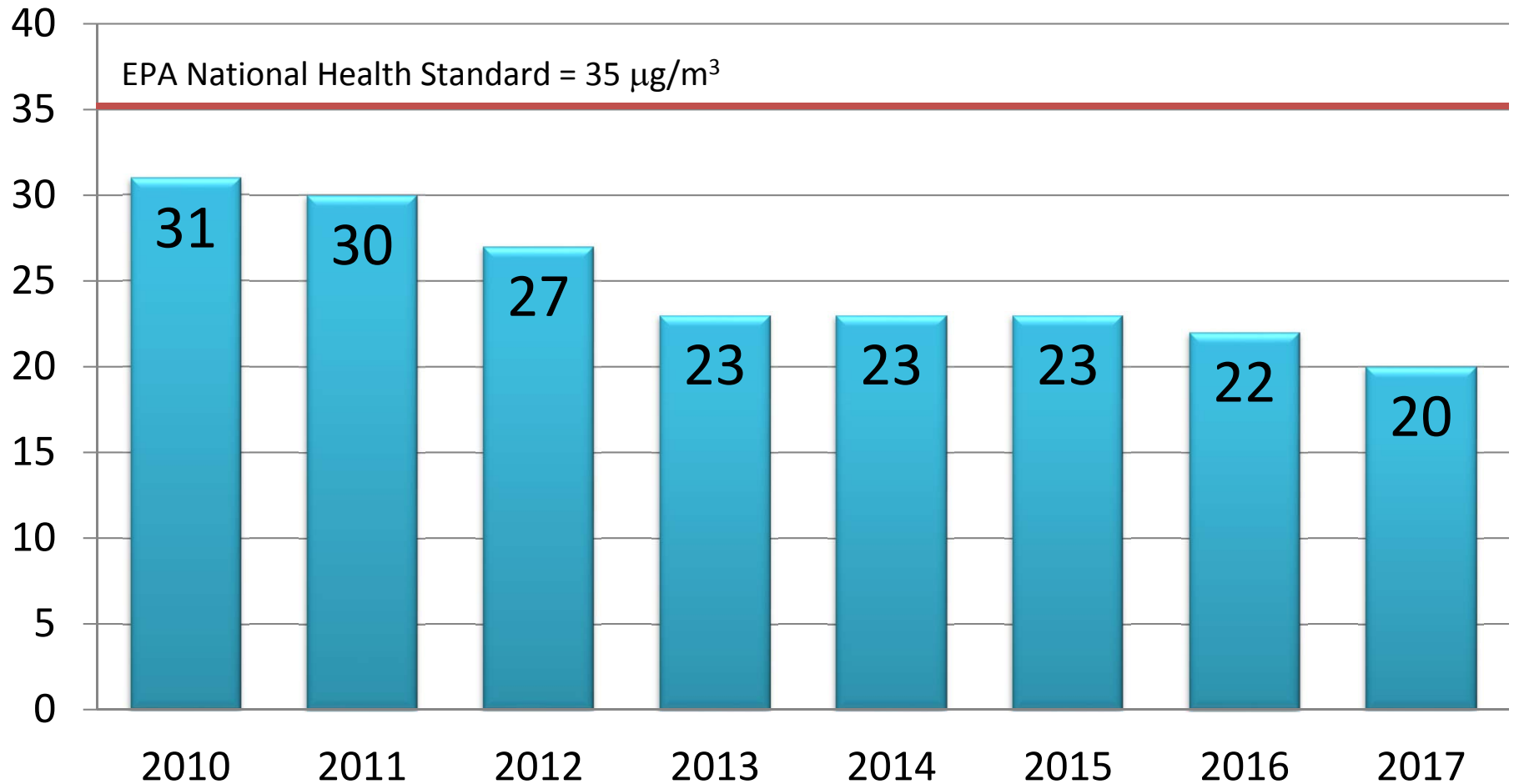
- Permit Invoicing SOP - including ATIs, PTOs and open burning
- Permit Revenue Tracking SOP - major sources, minor sources and open burning
- Fee Policy



Public Health
Prevent. Promote. Protect.

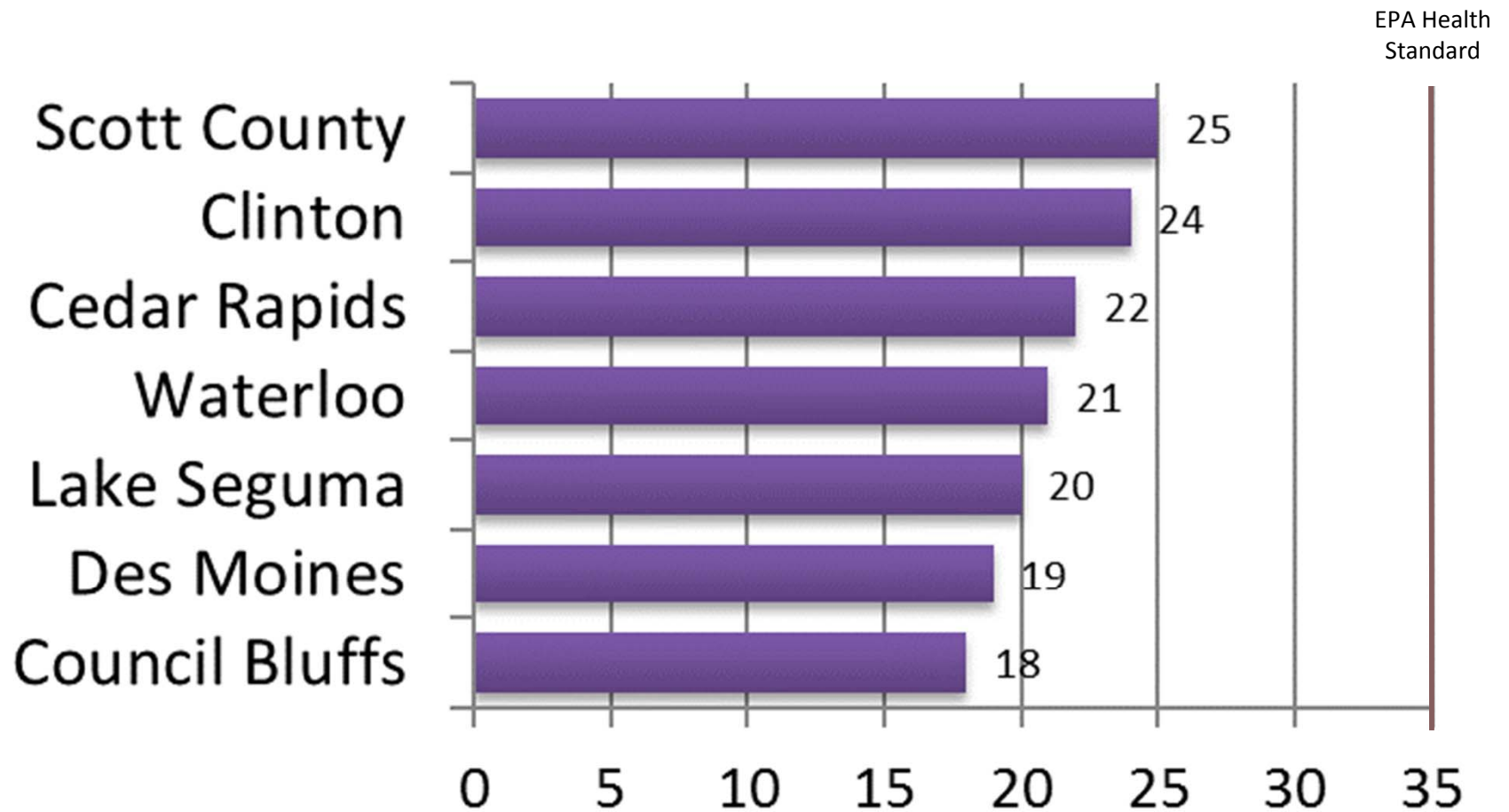
Linn County, Iowa

Linn County Particulate Pollution



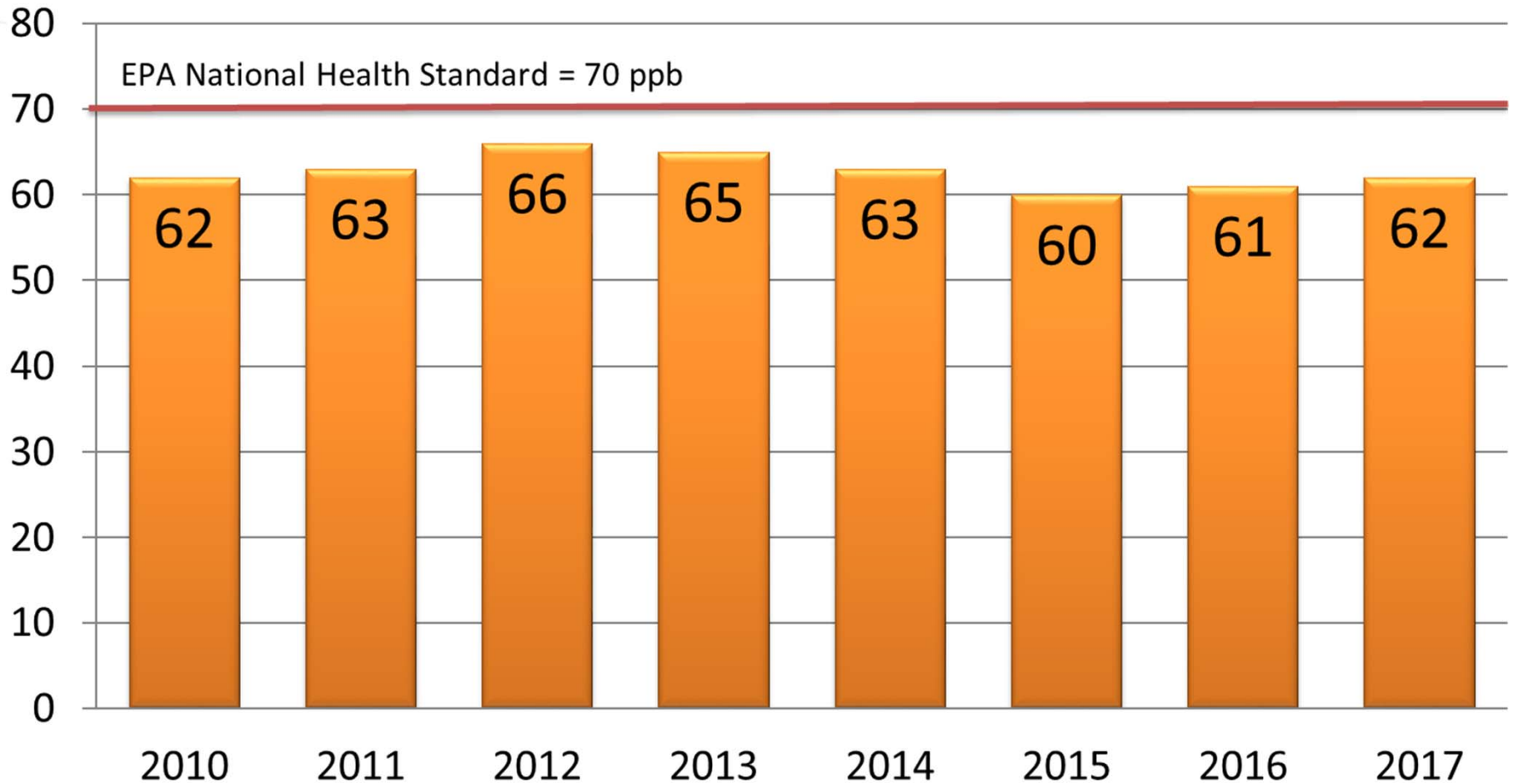
The national health standard is the 4th highest value recorded for each year, averaged over a 3-year period.
All values are shown in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)

Particulate Pollution in Iowa



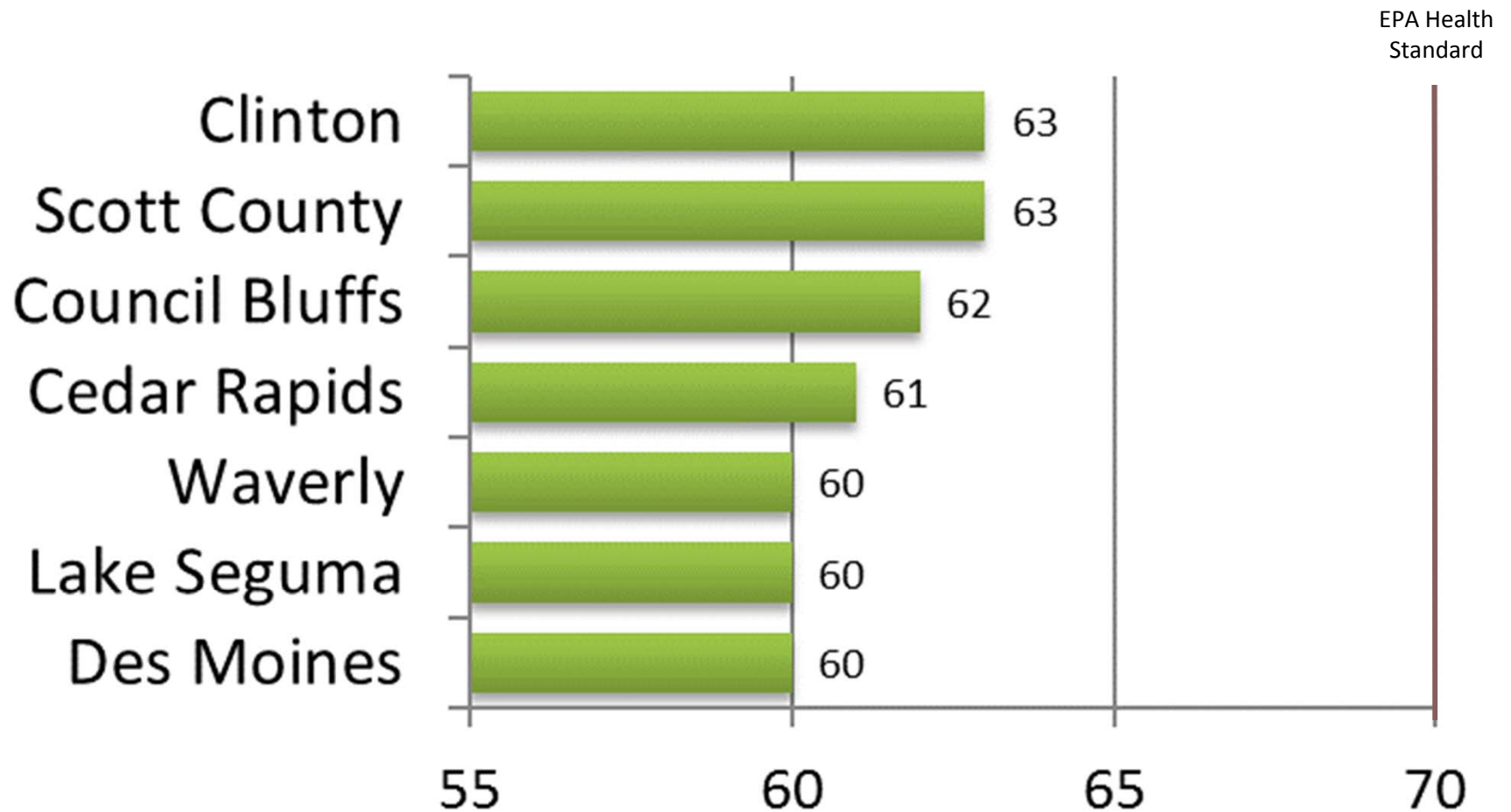
Source: Iowa DNR, Design Values 2014-2016

Linn County Ozone Pollution



The national health standard is the 4th highest value recorded for each year, averaged over a 3-year period.
All values are shown in parts per billion (ppb).

Ozone Pollution in Iowa



Source: Iowa DNR, Design Values 2014-2016

DNR – Linn County Contract

- Joint or co-operative undertaking within the meaning of Iowa Code section 28E.1, approved by the Linn County Board of Health and the Environmental Protection Commission.
 - Construction Permitting
 - Title V Permitting
 - Compliance & Inspections
 - Ambient Air Monitoring
- Renewed annually
- Quarterly, semi-annual, and end-of-year reporting requirements
- Bi-annual program audit by DNR
- EPA/SHL Audit of ambient monitoring program



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Contract Budget

- Six Main Categories
 - Title V Operating Permits
 - Major Source Construction Permitting
 - PSD Permitting
 - Minor Source Construction Permitting
 - Core Program Activities
 - Ambient Monitoring Activities



Application Review & Permit Issuance
Management, Secretarial & Data Support
Modeling
Travel/Training
Supplies
Other
C&E – Major
C&E – Minor
Program Development
AAM Supervision
AAM Field Operations
Quality Assurance
Equipment



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Revenue

	FY17	FY18	FY19	FY17 Actual
DNR				
Title V Emission Inventory Fees	\$585,820	\$505,524	\$505,524	\$543,772
EPA 105 Grant	\$125,816	\$125,816	\$123,150	\$125,816
EPA 103 Grant	\$17,500	\$17,500	\$17,500	\$17,500
DNR TV & PSD Reimbursement	\$129,567	\$156,908	\$92,855	\$17,612
DNR Subtotal	\$858,703	\$805,748	\$739,029	\$704,700
Linn County				
Local Permit Fees	\$264,974	\$271,257	\$274,125	\$275,115
Local Property Tax	\$54,217	\$104,793	\$161,994	\$205,372
Linn County Subtotal	\$319,191	\$376,050	\$436,119	\$480,487
Grand Total	\$1,177,894	\$1,181,798	\$1,175,148	\$1,185,187

Note FY19: Of \$134,625 in local general funds \$37,807 is committed to local permitting in LOA

Note FY19: Budgets includes \$5 increase per PTO for a total of \$10,750



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Expenses

	FY17	FY18	FY19	FY17 Actual
DNR 28E Contract Personnel	\$948,697	\$947,620	\$938,066	\$945,891
LCPH AQ Funded Personnel	\$81,722	\$91,203	\$104,157	\$124,804
Travel/Training	\$21,200	\$21,200	\$22,350	\$15,217
Supplies	\$11,700	\$11,700	\$11,500	\$8,541
Other	\$27,550	\$27,550	\$16,550	\$15,976
AAM Equipment & Supplies	\$87,025	\$82,525	\$82,525	\$74,758
Grand Total	\$1,177,894	\$1,181,798	\$1,175,148	\$1,185,187



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Contract Staffing Requirements

Position	FY17 FTE	FY18 FTE	FY19 FTE
Environmental Public Health Manager	0.25	0.25	0.20
Air Quality Branch Supervisor	0.60	0.55	0.55
Senior Air Permitting Engineer	0.90	0.90	0.90
Senior Air Quality Scientist	1.50	1.50	1.50
Air Quality Scientist	1.85	1.85	2.00
Environmental Technician	0.00	0.00	0.40
Ambient Air Monitoring Supervisor	0.55	0.55	0.70
Ambient Air Monitoring QA/QC Specialist	1.00	0.80	0.50
Ambient Air Monitoring Specialist	2.10	1.90	1.60
Air Quality Administrative Support Staff	0.70	0.70	0.60
TOTAL	9.45	9.00	8.95



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

FY19 Staff Utilization

SIP Activities	FTE
Administration & Management	0.70
Training/Conferences	0.60
Program Development	0.60
Construction Permits	1.90
Minor Source Construction	0.90
Major Source Construction Permits	0.90
PSD Permits	0.10
Title V Operating Permits	0.40
Ambient Air Monitoring	2.55
AAM Field Operations	1.50
Supervision	0.40
Quality Assurance	0.65
Compliance Inspections	2.05
Minor Source Compliance/Inspections	0.90
Major Source Compliance/Inspections	1.15
Dispersion Modeling	0.15
Minor Source	0.05
PSD Projects	0.05
Major Source	0.05
Totals	8.95



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

FY19 Estimated Fees for Service

Minor Source Local Permits		
	Number	Fees
PTO	937	\$ 42,165
Minor CP	75	\$ 28,875
Total		\$ 71,040
Major Source Local Permits		
	Number	Fees
PTO	1213	\$ 54,585
Major CP	60	\$ 148,500
Total		\$ 203,085
	Hours	Fees
PSD	150	\$ 25,875
TV	625	\$ 93,750
Total		\$ 119,625

Permit	Fee
Minor	\$385 per permit
Major	\$2475 per permit
PTO	\$45 per permit
Title V	\$100 per hour
PSD	\$115 per hour
Indirect	50%



Public Health
Prevent. Promote. Protect.

Linn County, Iowa

Questions

LCPH Contacts: www.linncleanair.org

Jim Hodina
Environmental Manager
319-892-6010

James.hodina@linncounty.org

Kyle Lundberg
Laboratory Services Supervisor
319-892-6010

kyle.lundberg@linncounty.org

Shane Dodge
Air & Water Quality Supervisor
319-892-6015

shane.dodge@linncounty.org



Public Health
Prevent. Promote. Protect.

Linn County, Iowa