

36K

EMPLOYEES

5M

AVERAGE. PICKUPS PER DAY

16K

TRUCKSOne of the largest fleets in the U.S.

20%

OF FLEET POWERED BY NATURAL GAS

340
HAULING FACILITIES

75

LANDFILL GAS & RENEWABLE ENERGY PROJECTS

79
RECYCLING CENTERS

189
ACTIVE, MODERN-DAY
LANDFILLS

41
STATES

14
INJECTION
WELLS

212
TRANSFER STATIONS

99%+

SERVICE
RELIABILITY RATE

75%

REPUBLIC DRIVERS HAVE
WON 75% OF THE
INDUSTRY'S DRIVER OF THE
YEAR AWARDS SINCE 2009

2,400+

MUNICIPAL

CUSTOMERS

130
CLOSED LANDFILLS
MANAGED

1 St
IN INDUSTRY TO SET
A SCIENCE-BASED,
GREENHOUSE GAS
EMISSIONS TARGET

39%

BETTER SAFETY
PERFORMANCE THAN THE
INDUSTRY AVERAGE

Based on OSHA recordable rates

AWARDS AND RECOGNITION



















Community Impact

30 full time employees 20+
years in local community

\$450K
in host and good
neighbor agreements

COMMUNITY PARTNERSHIPS WITH THE FOLLOWING ORGANIZATIONS

Sumpter Township Country Fest

Sumpter Parks and Recreation

Why a Deepwell at Carleton Farms?

- ✓ Regulated by the U.S. EPA
- ✓ Safe, environmentally proven technology
- ✓ 22 deepwells already safely operating in Michigan
- √ 800+ permitted, active Class I deepwells operating nationwide
- ✓ Reduces carbon emissions
- ✓ Constant monitoring and safety control



Fewer semi trucks onsite and on local roads

30,417 gallons of diesel fuel eliminated annually

341 tons of CO2 eliminated annually



What is an Industrial Well?

Class I wells allow for the injection of leachate far below the lowermost groundwater drinking zone.



DRINKING WATER AQUIFER

Barriers of steel and cement isolate drinking water aquifers • • • •

Pressurized well seal fluid is monitored continuously •••••

UPPER CONFINING ZONE

Injection zone •••• capped by 400 feet of a low permeability shale formation to confine all wastewater

Mt. Simon extends under ••••
Michigan, Ohio, Illinois
and Indiana, with over
50 deep wells in operation

Liquids are permanently contained, like natural oil and gas deposits ••

LOWER CONFINING ZONE

UTICA-CINCINNATIAN SHALES 400 FT THICK

MT. SIMON / EAU CLAIRE / FANCONIA 525 FT THICK

3,827

400



WHAT THE EXPERTS ARE SAYING

SAFETY

EPA and other scientific experts have concluded that these liquid wastes are "removed from the environment" — isolated from the biosphere thousands of feet below the earth's surface, where they will remain confined for millions of years." ^a

BENEFITS

EPA declared that underground injection "reduces human exposure to organic and inorganic chemicals and heavy metals by removing them from the environment." ^a

GROUNDWATER PROTECTIONS

Because these wells inject waste below the deepest USDW, there is little chance of any negative effects on potentially usable groundwater." b

EPA has taken a strong protective stand to assure that USDWs are not endangered in the short-term ... or the long term ..." d

MINIMIZING RISK

...a typical Class I non-hazardous well affords the public and the environment an extremely low level of risk" ^c

For More Information CarletonFarmsDeepwell.com

APPENDIX

^a Removed from the Environment,
 Robert F. Van Voorhees, The
 Environmental Law Institute,
 https://bit.ly/36CC2Dk

^b Injection Wells: An Introduction to Their Use, Operation & Regulation, Groundwater Protection Council, https://bit.ly/2UuB6vc

^c Class I Underground Injection Control Program: Study of the Risks Associated with Class I Underground Injection Wells, U.S. EPA, https://bit.ly/32MHPVB d Class I Deepwell Injection
Technology: A safe and proven
liquid waste management option,
Petrotek Engineering Corporation,
https://bit.ly/35zn4P4

