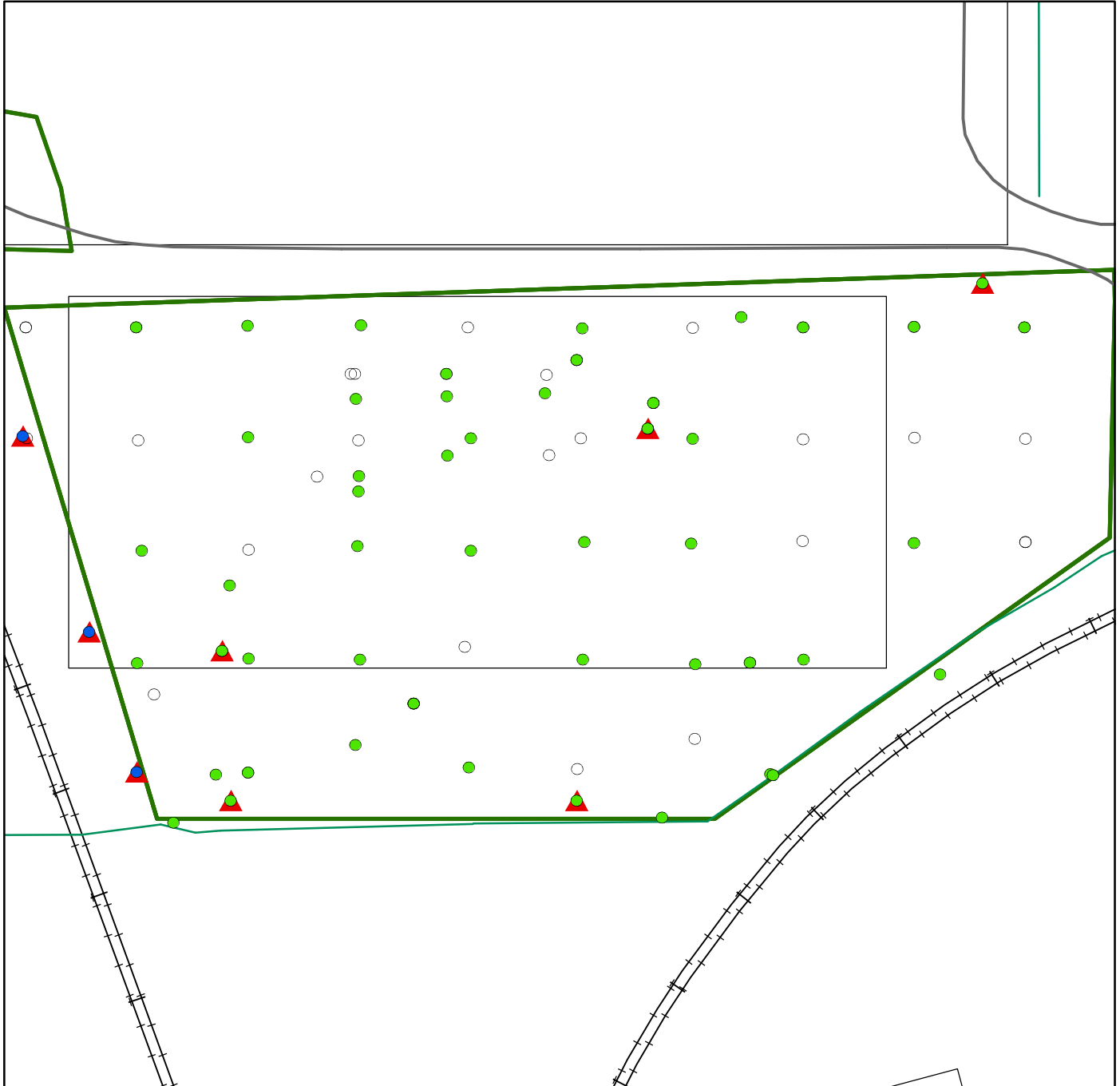# SWMU 001

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
      LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
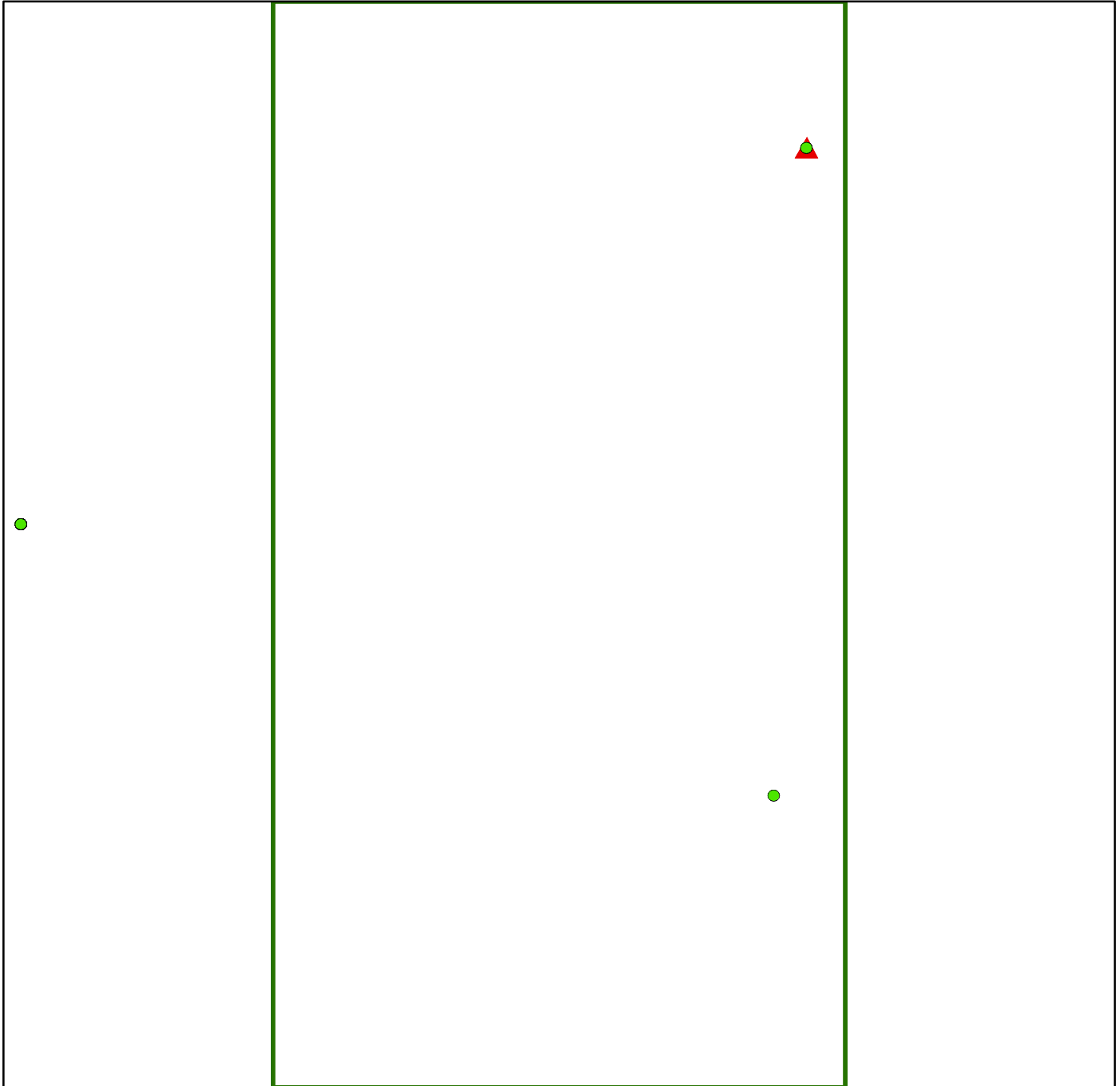- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40
Feet

Thorium-230

SWMU 011

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
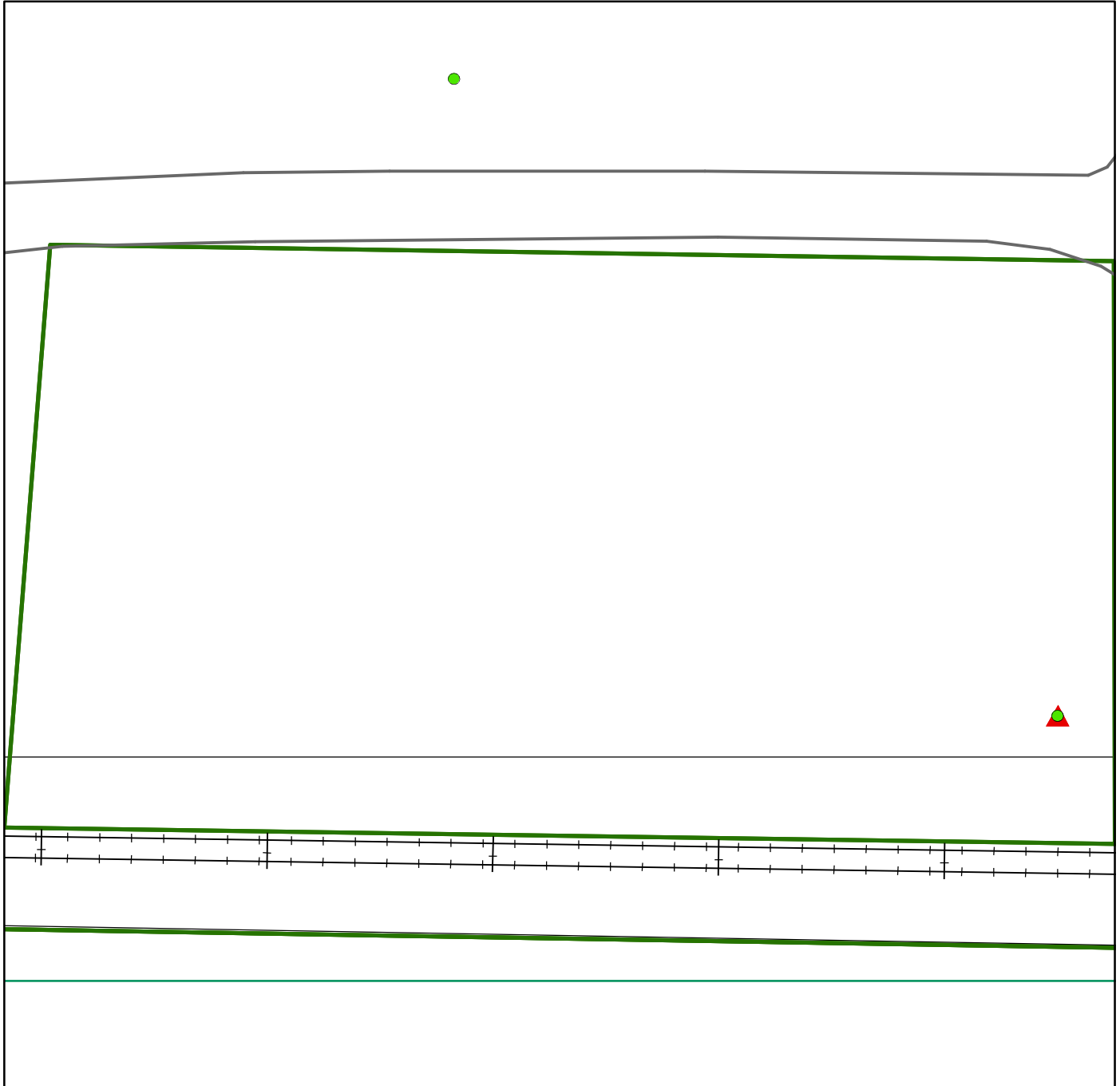- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.4591.82.73.6
▮▮▯▮▮Feet

Thorium-230

SWMU 012

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
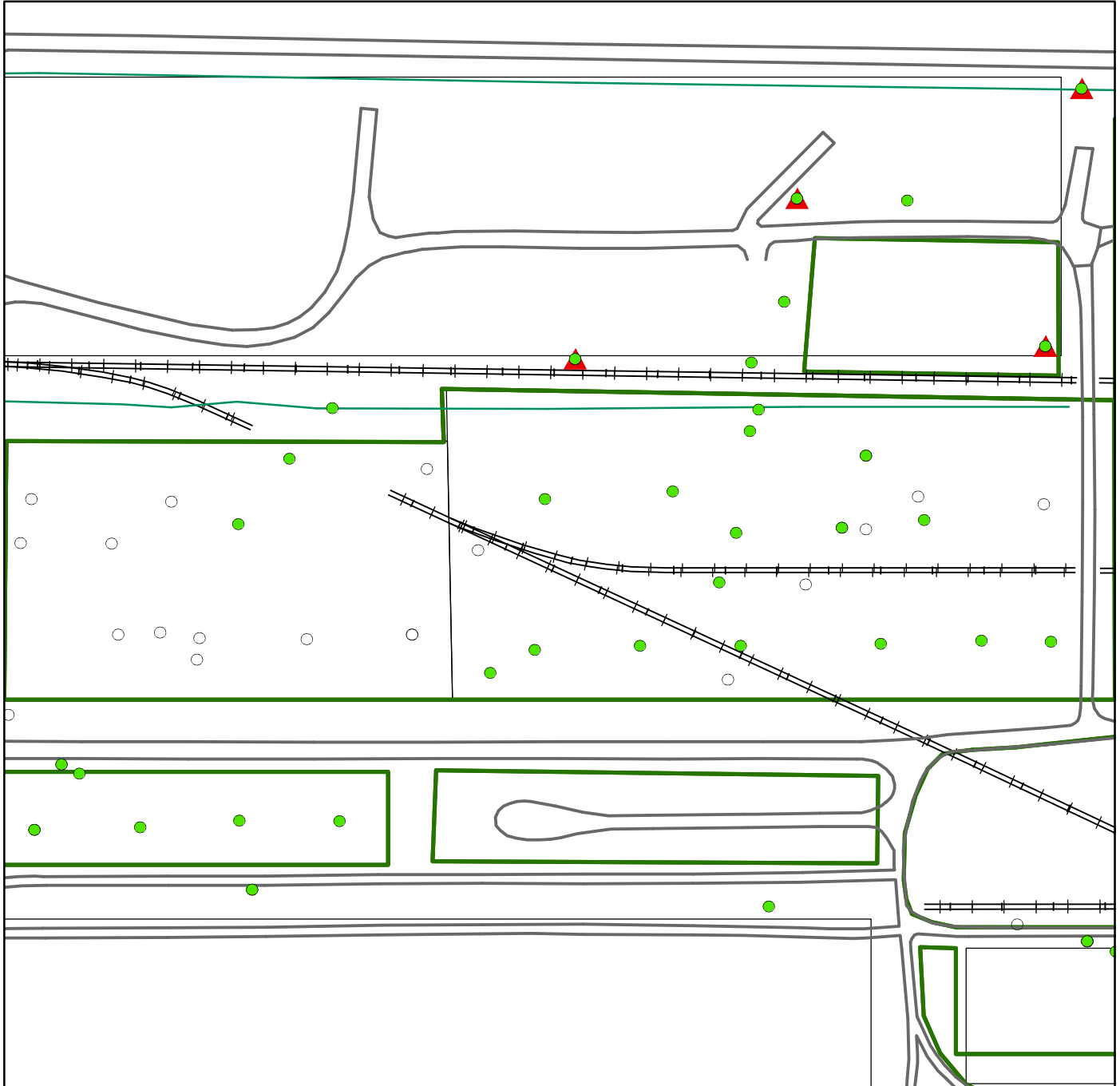- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

036 12 18 24
Feet

Thorium-230

SWMU 013

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
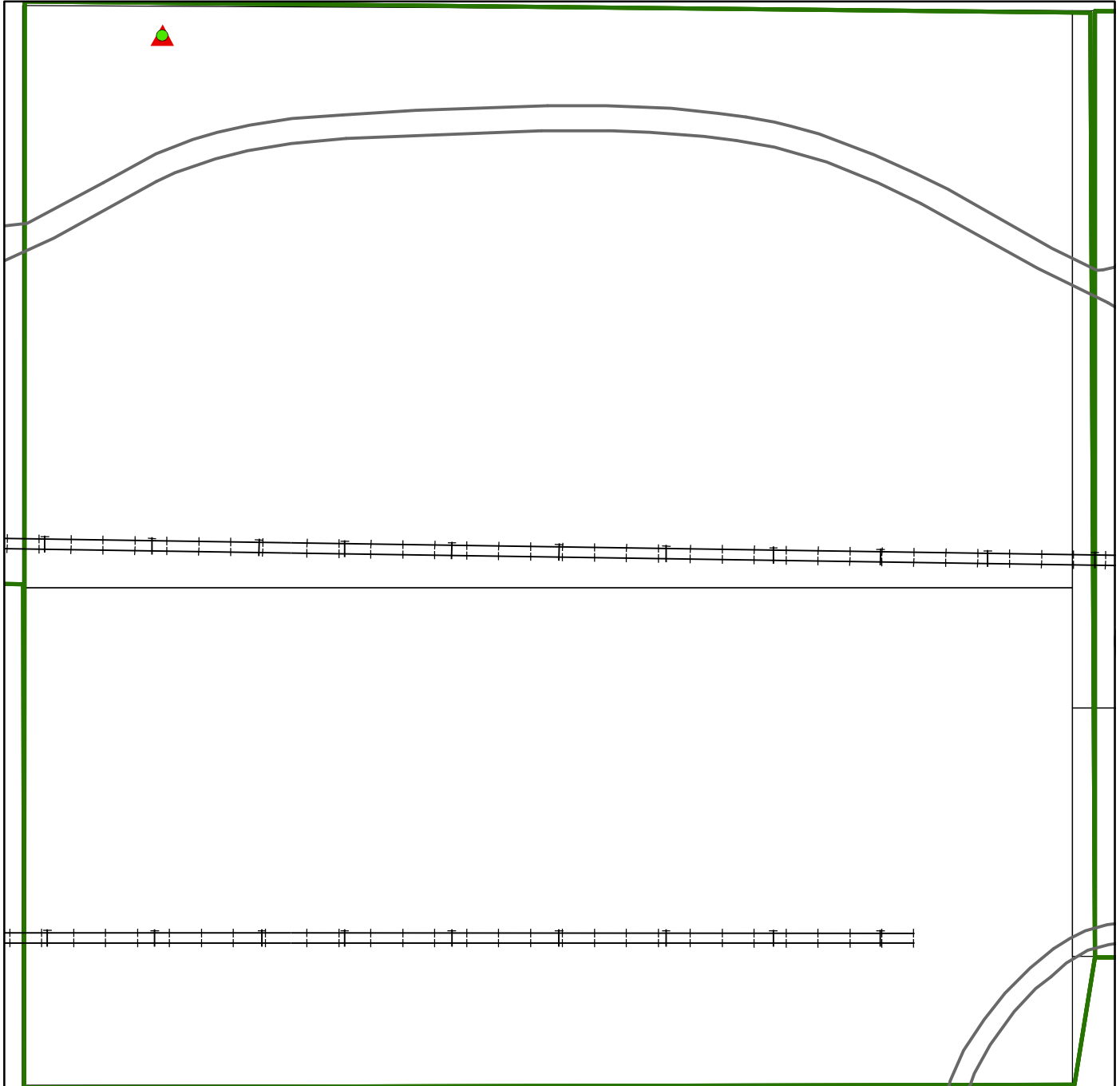- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 15 30 60 90 120
Feet

Thorium-230

SWMU 014

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
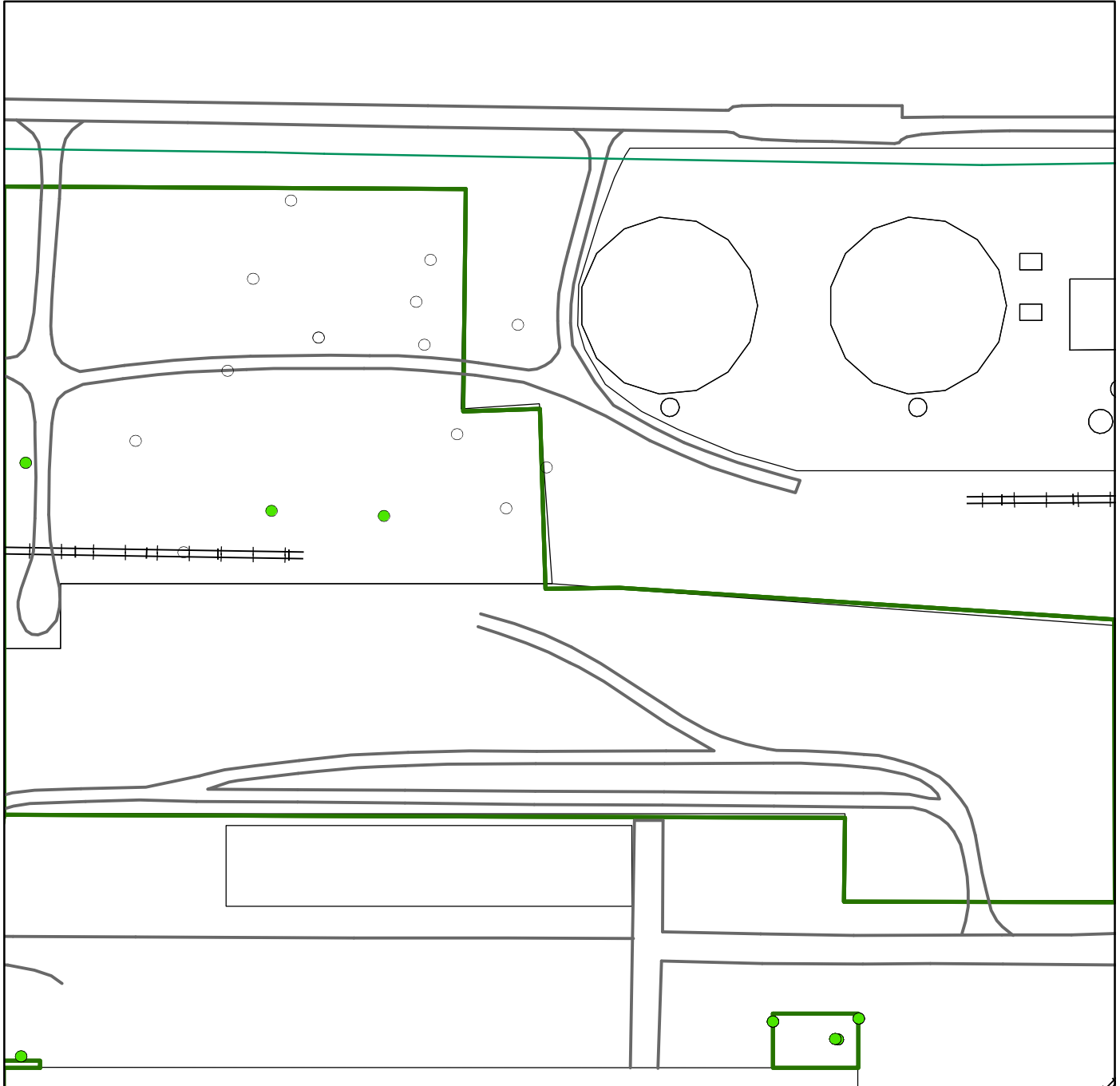- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40 Feet

Thorium-230

SWMU 015

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
       LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
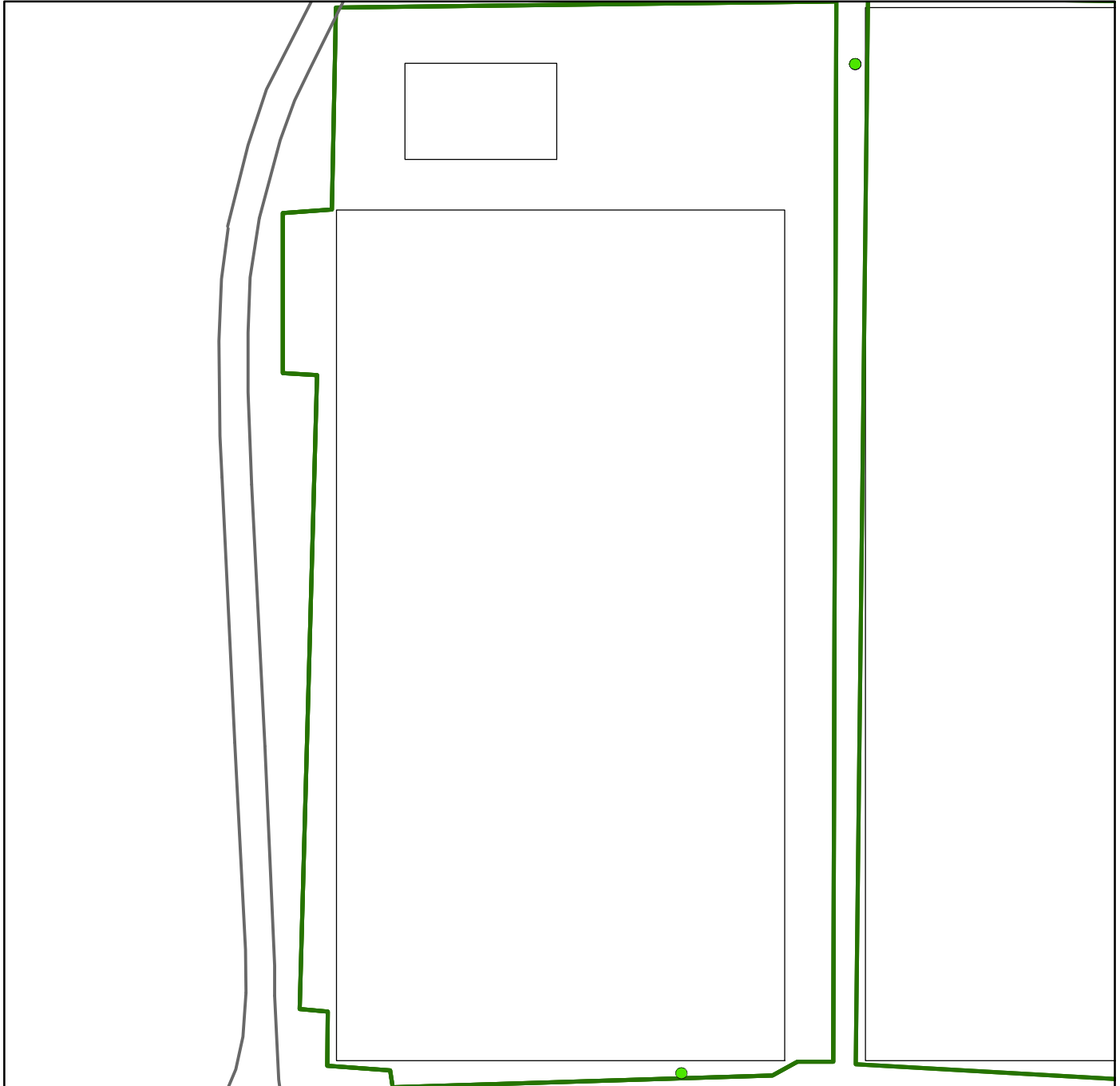- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
 DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 10 20 40 60 80
Feet

Thorium-230

SWMU 016

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
     LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
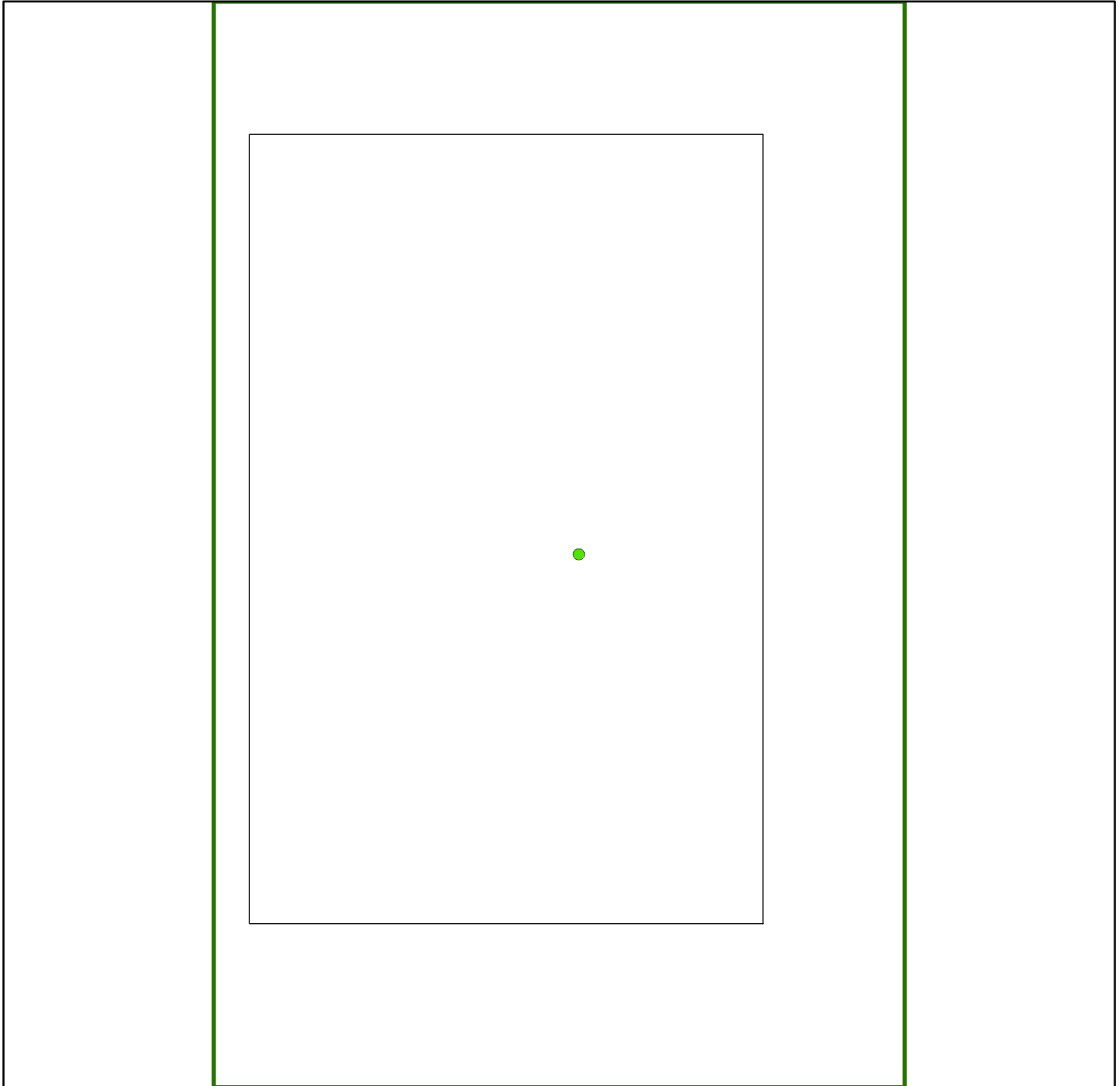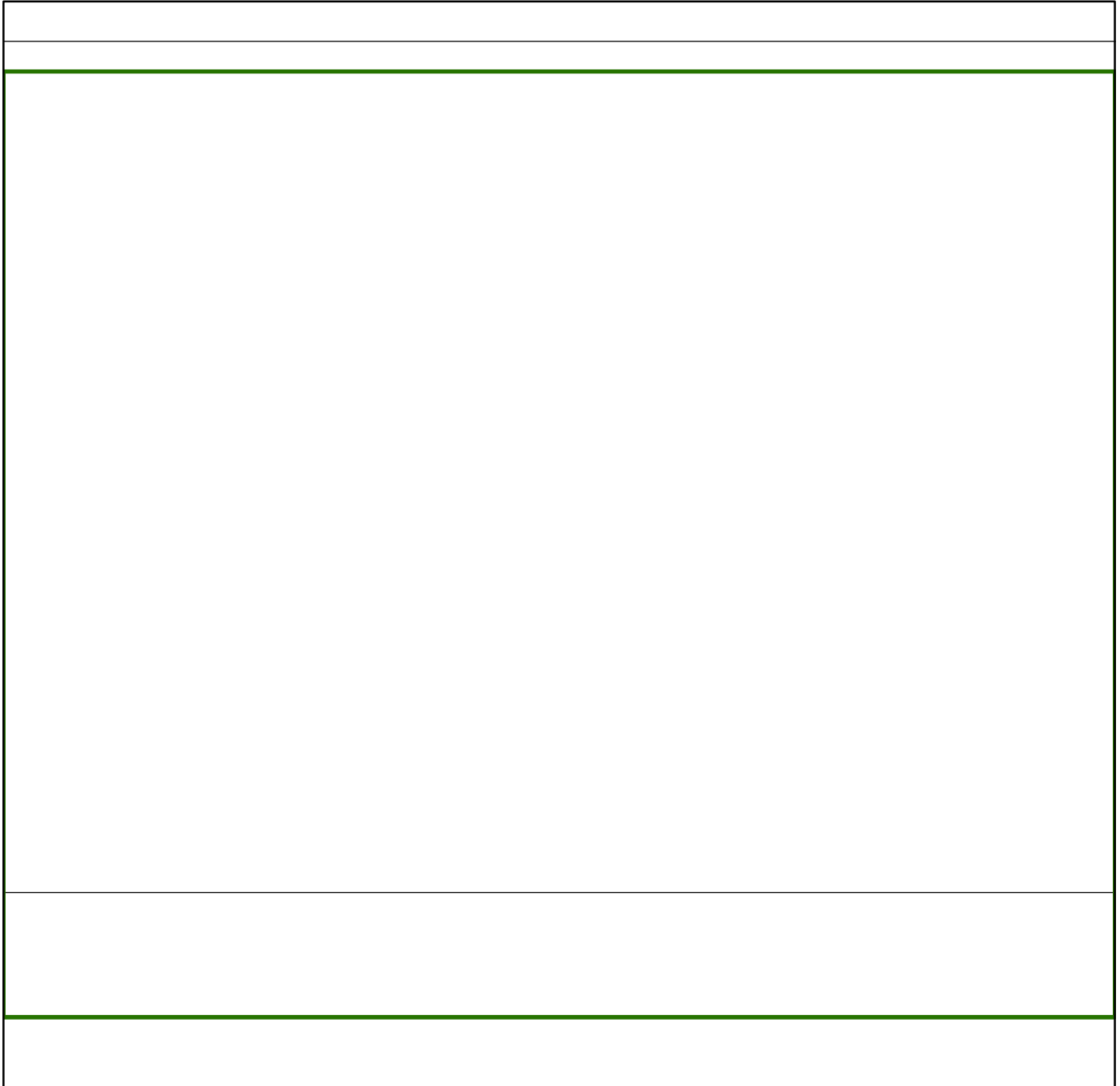- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40
Feet

Thorium-230

SWMU 019

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
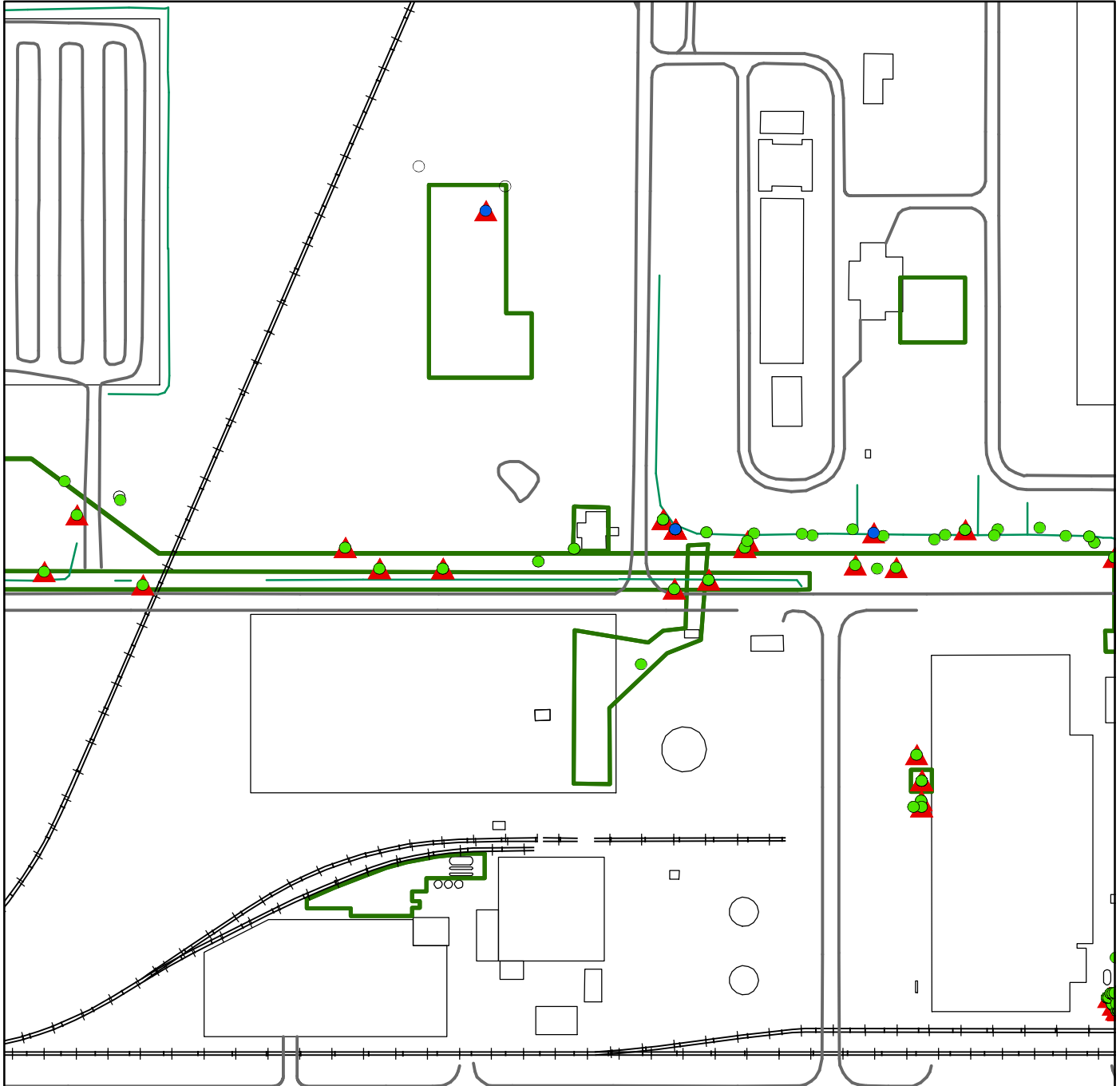- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.5 2 3 4
Feet

Thorium-230

SWMU 020

0 0.45 1.2 3.6
Feet

Thorium-230

SWMU 026

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
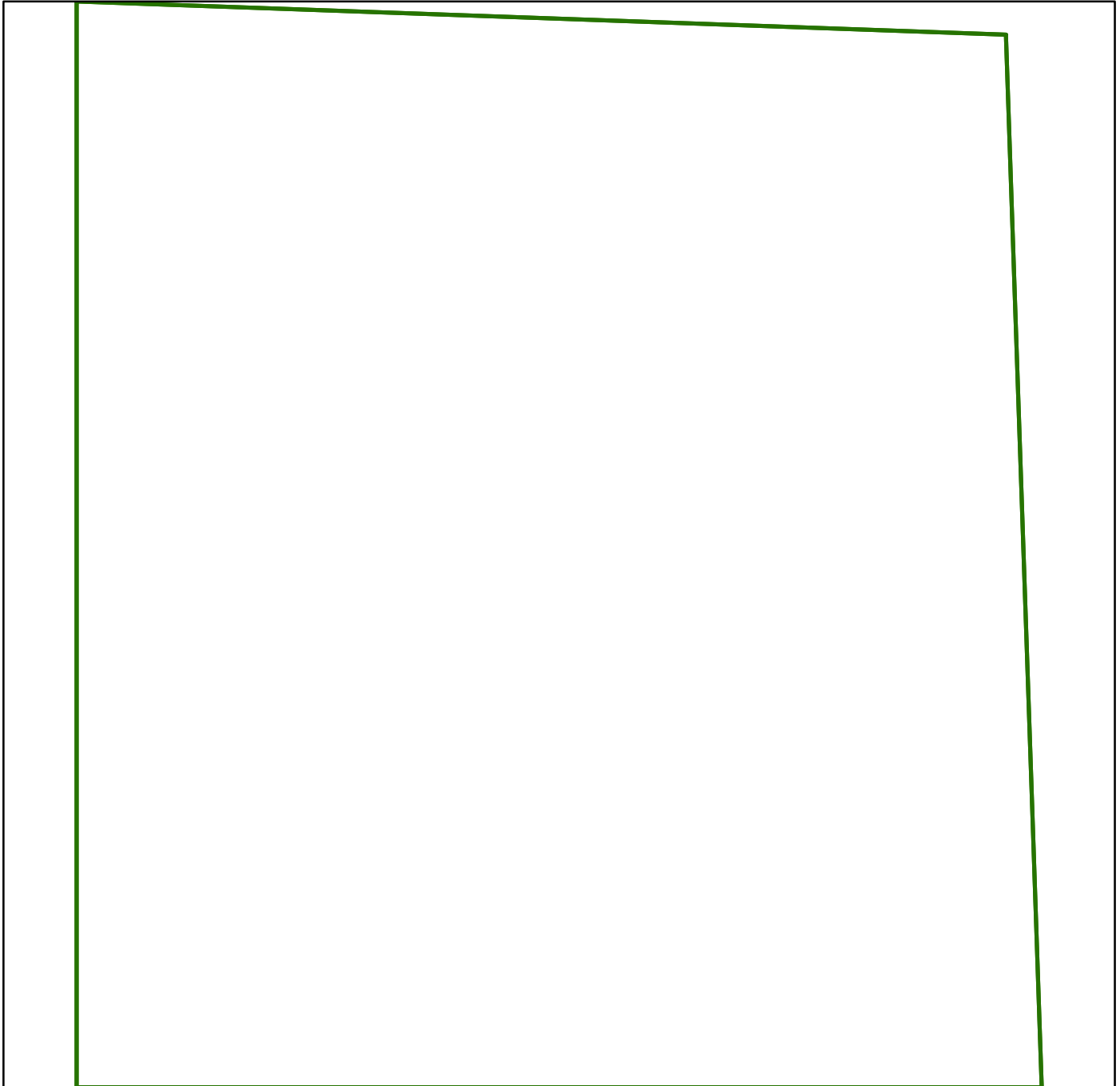- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 15 30 60 90 120 Feet

Thorium-230

SWMU 027

000 25 6.75 1
Feet

Thorium-230

SWMU 031

20°

N
TRUE

N
PLANT

0 0.050.150.30.60.91.2
Feet

Thorium-230

SWMU 032

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
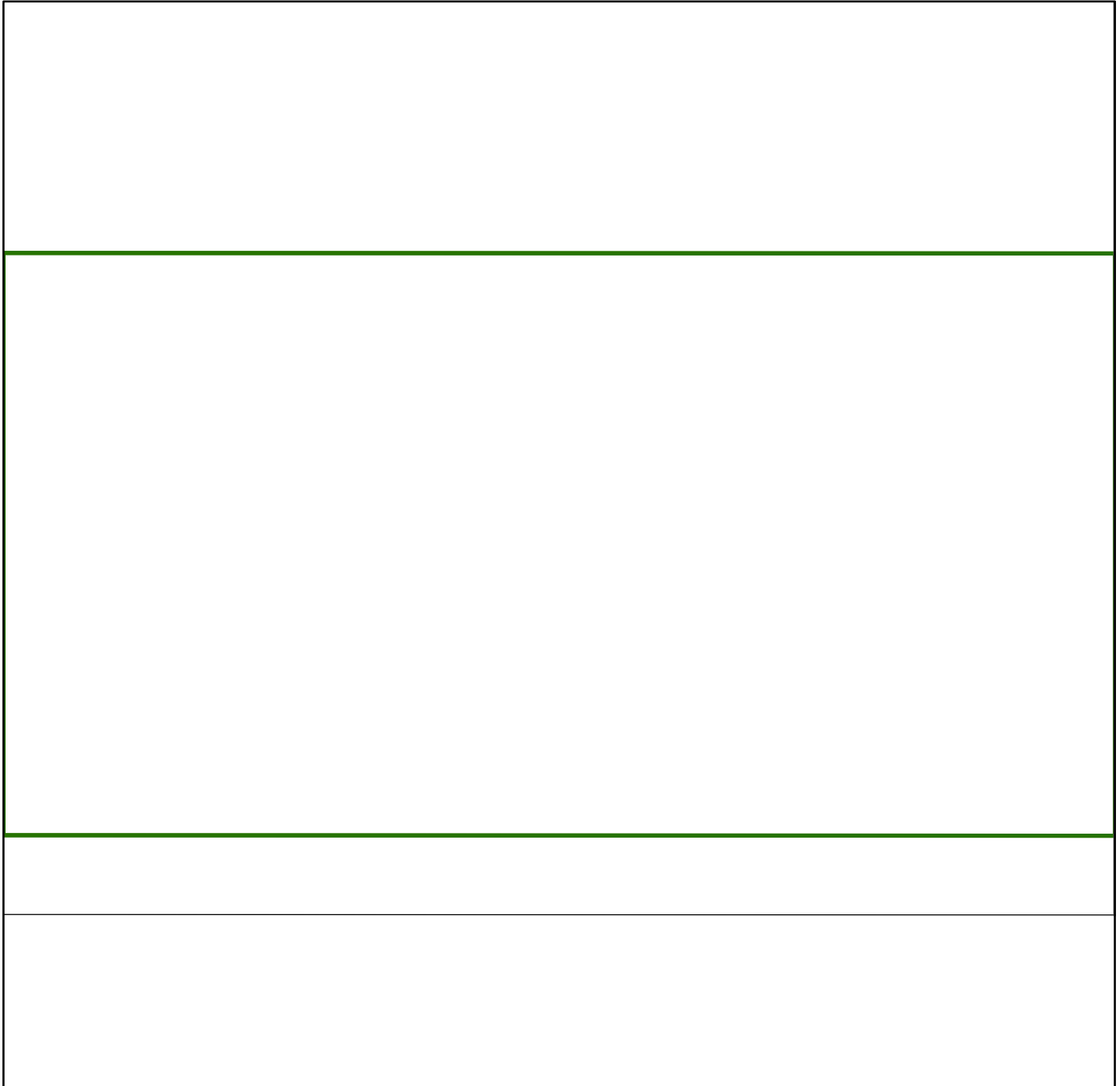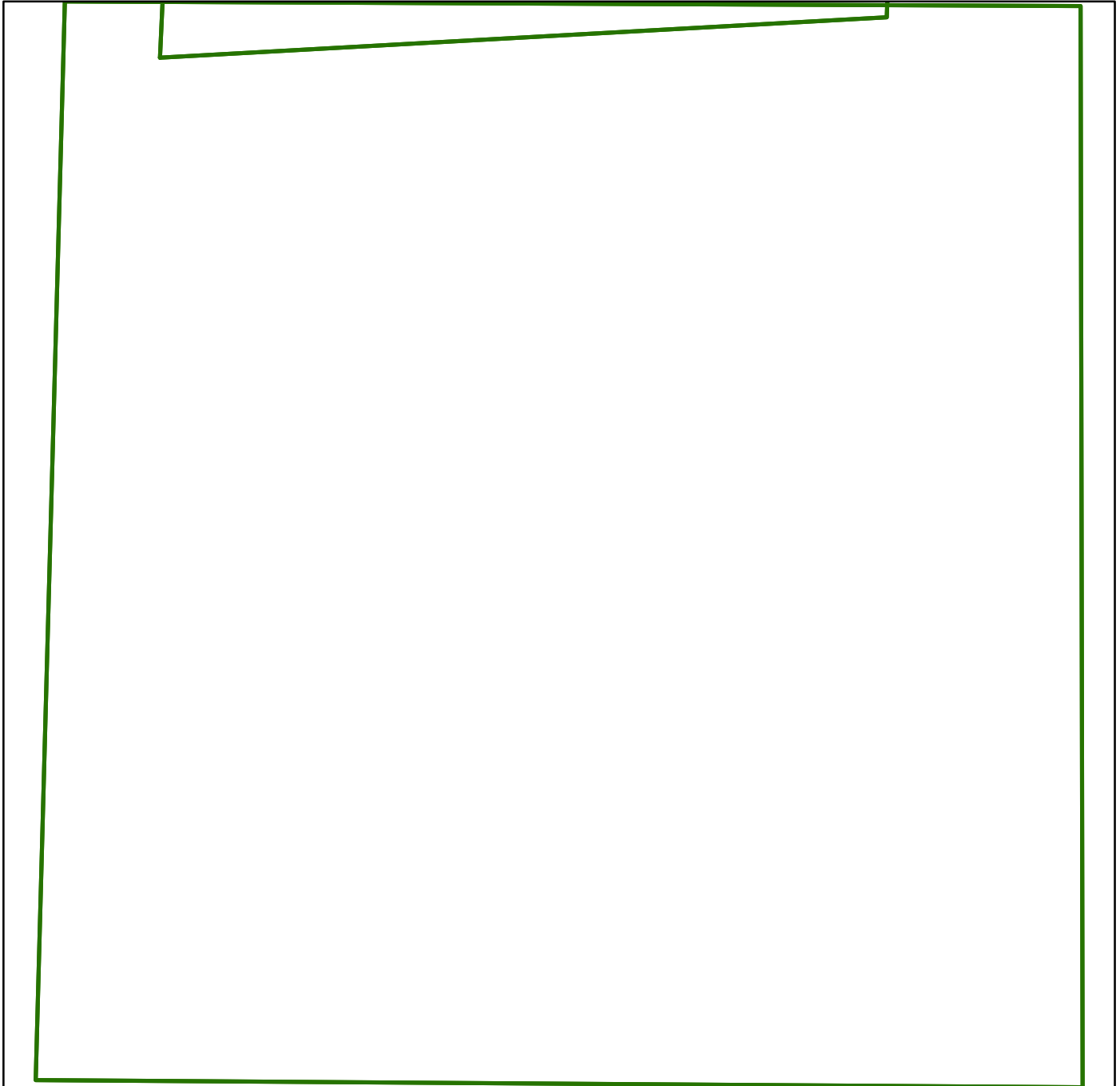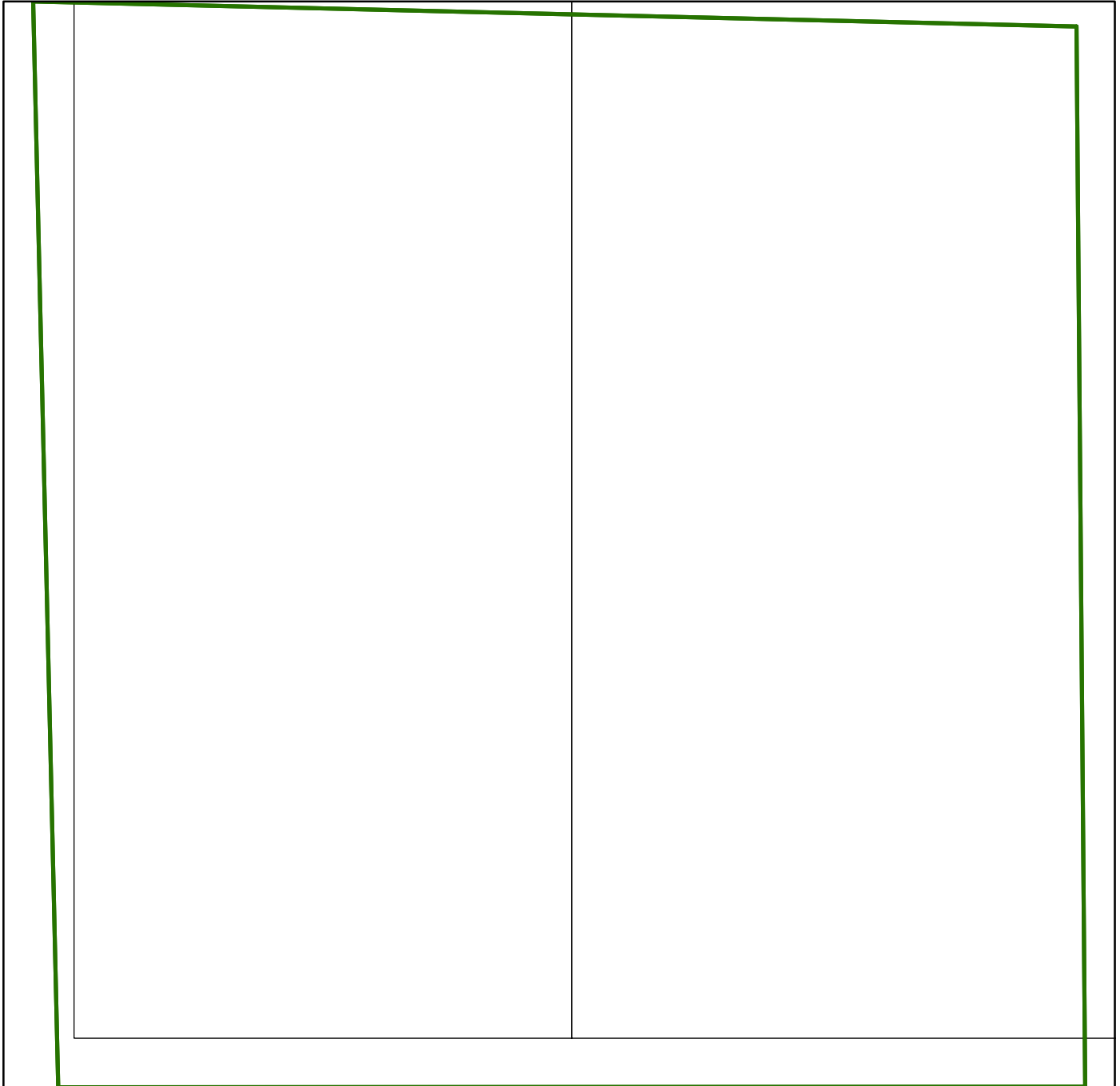- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.5 1 2 3 4
Feet

Thorium-230

SWMU 040

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 8.75 17.5 35.253

Feet

Thorium-230

SWMU 047

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
     LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
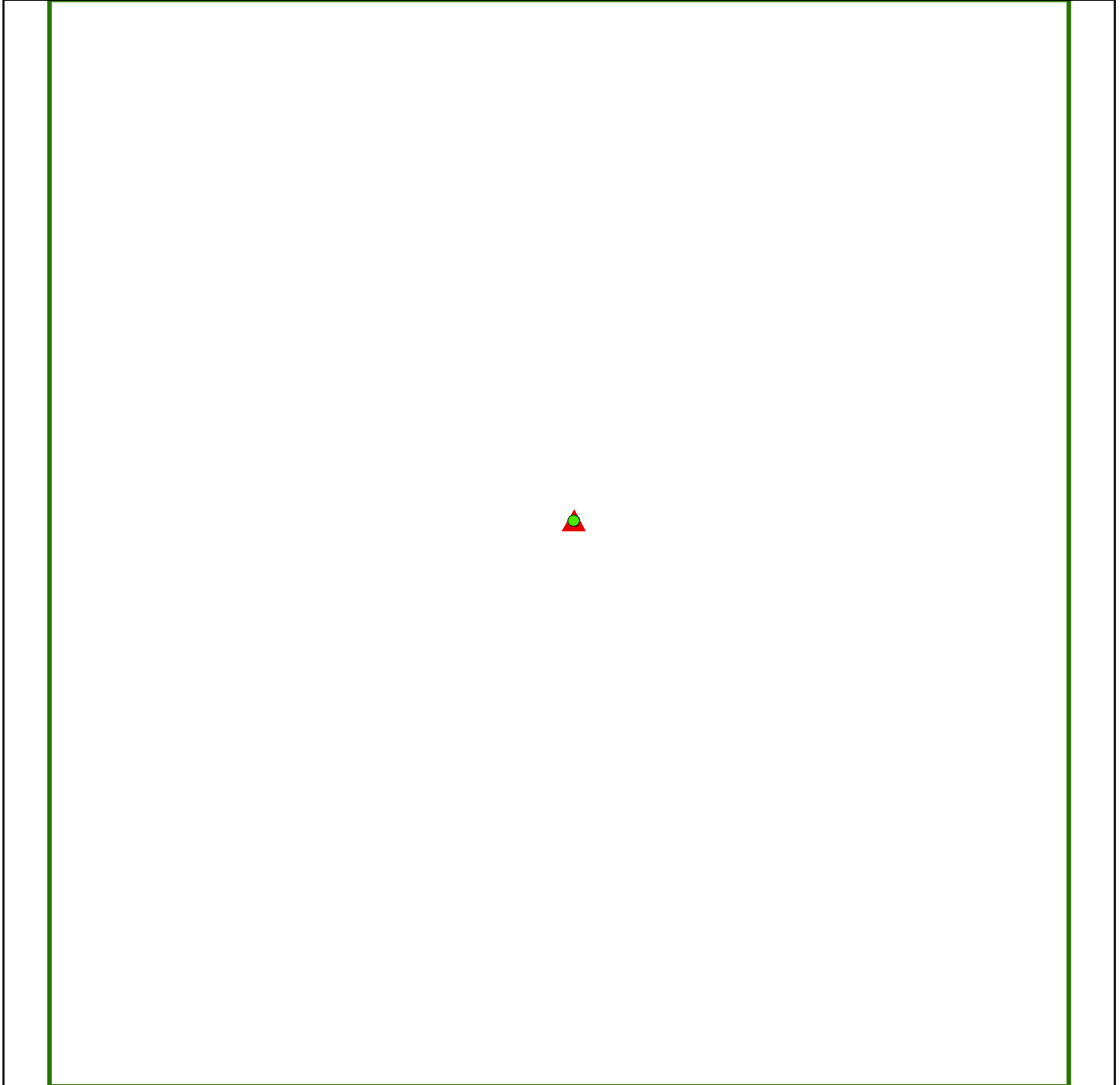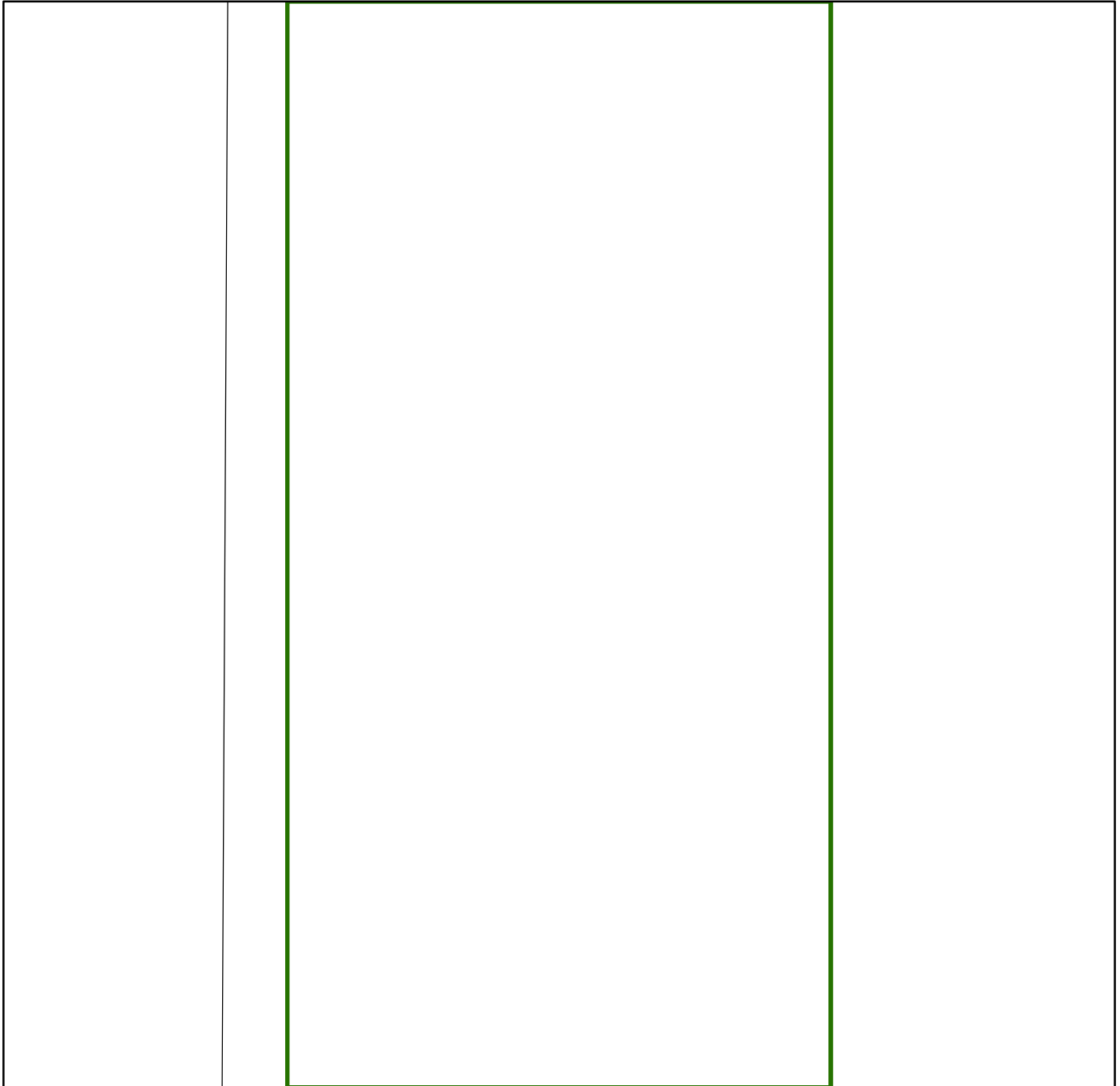- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.4591.82.73.6
Feet

Thorium-230

SWMU 056

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
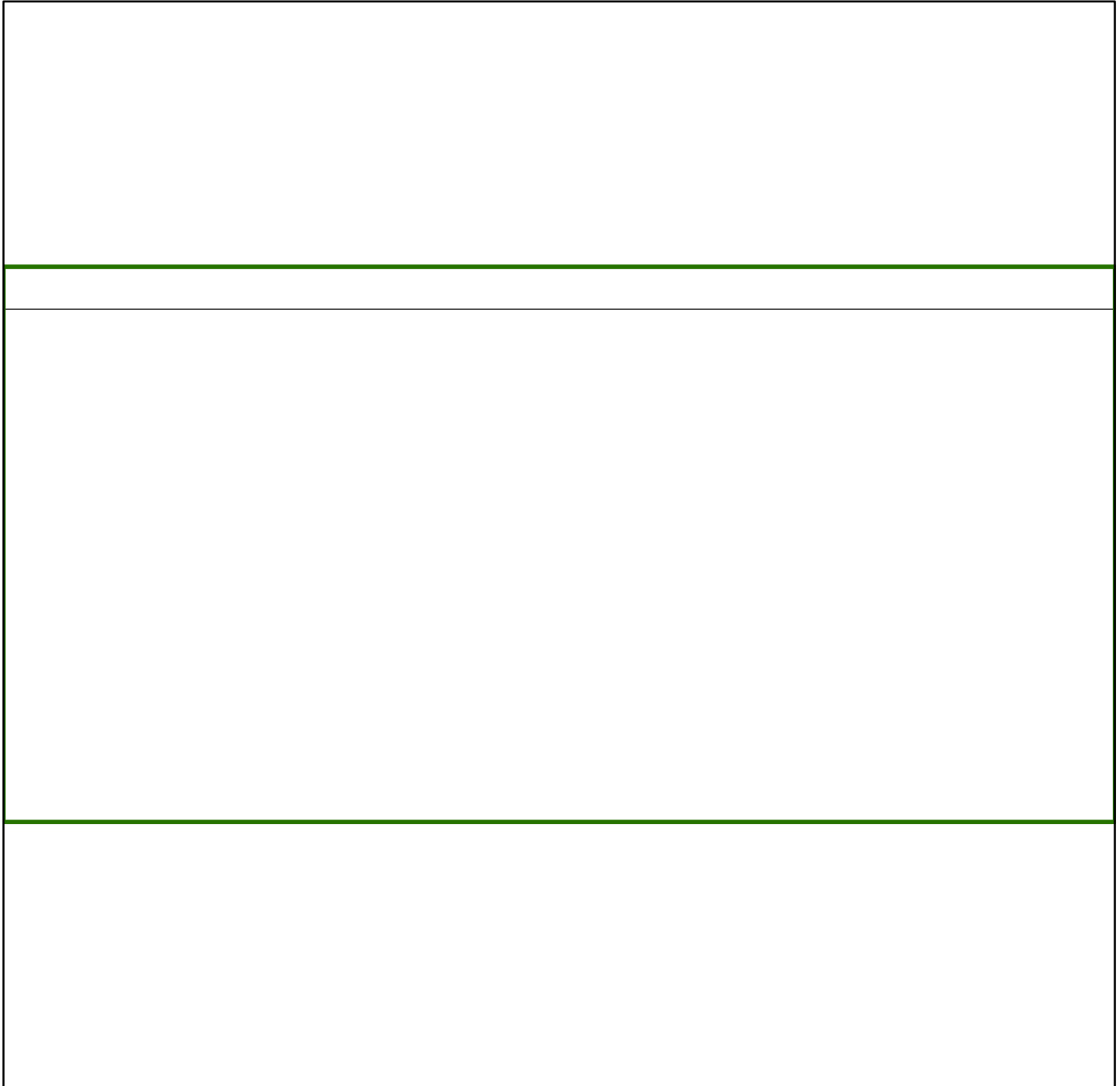- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0.15 0.3 0.6 0.9 1.2 Feet

Thorium-230

SWMU 057

0.15 0.3 0.6 0.9 1.2
Feet

Thorium-230

SWMU 074

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
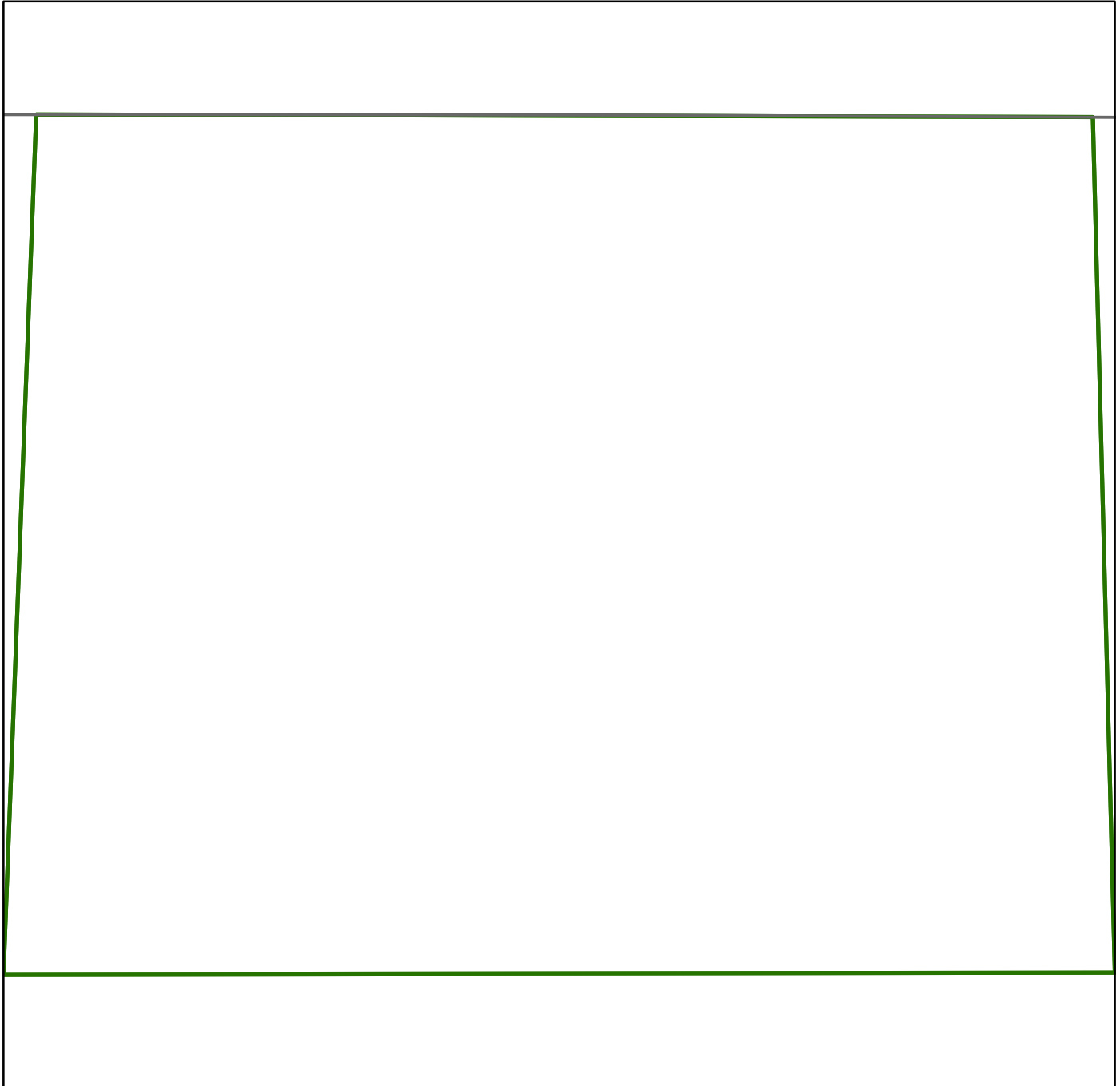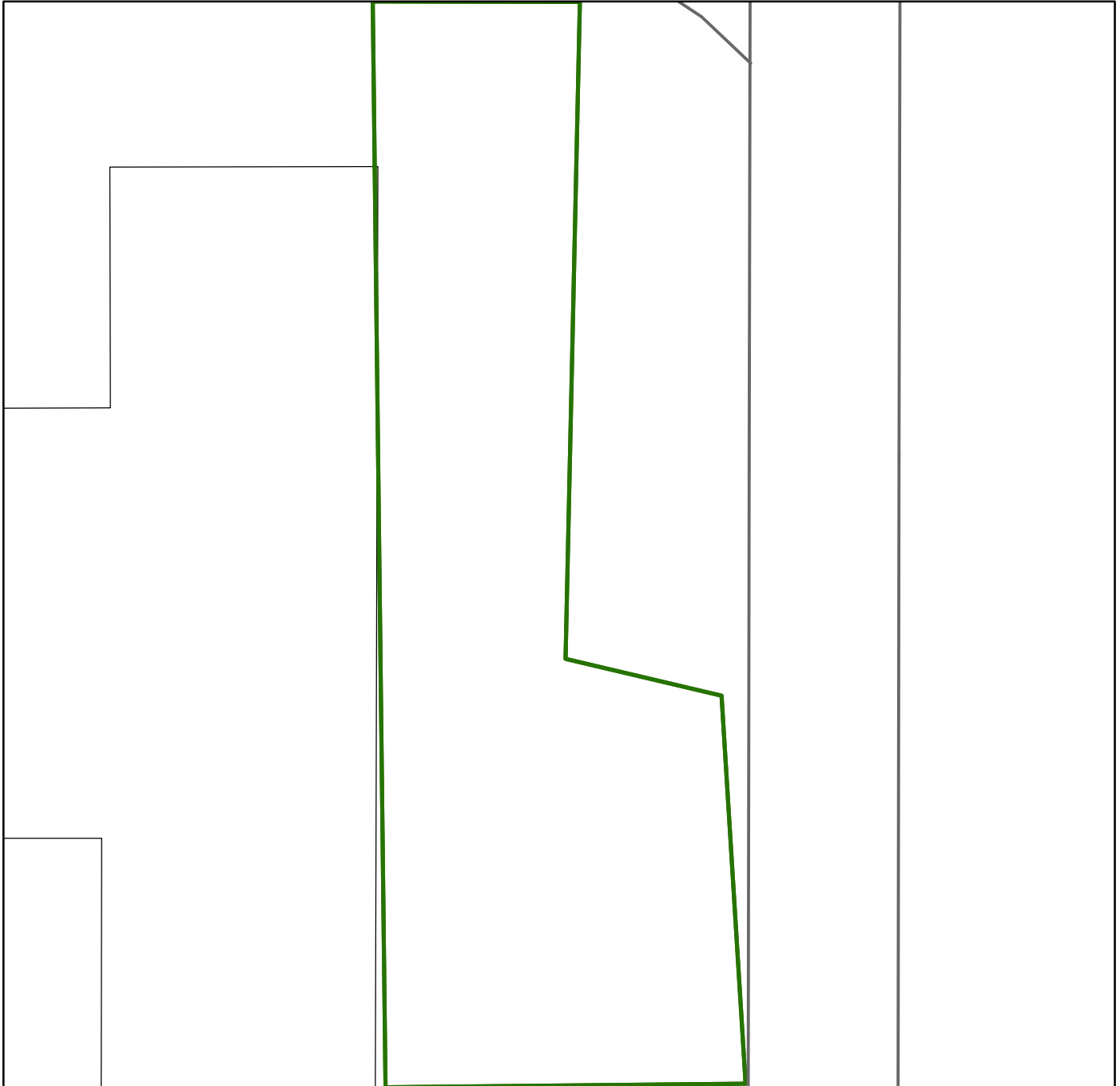- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 1 2   4   6   8
Feet

Thorium-230

SWMU 075

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
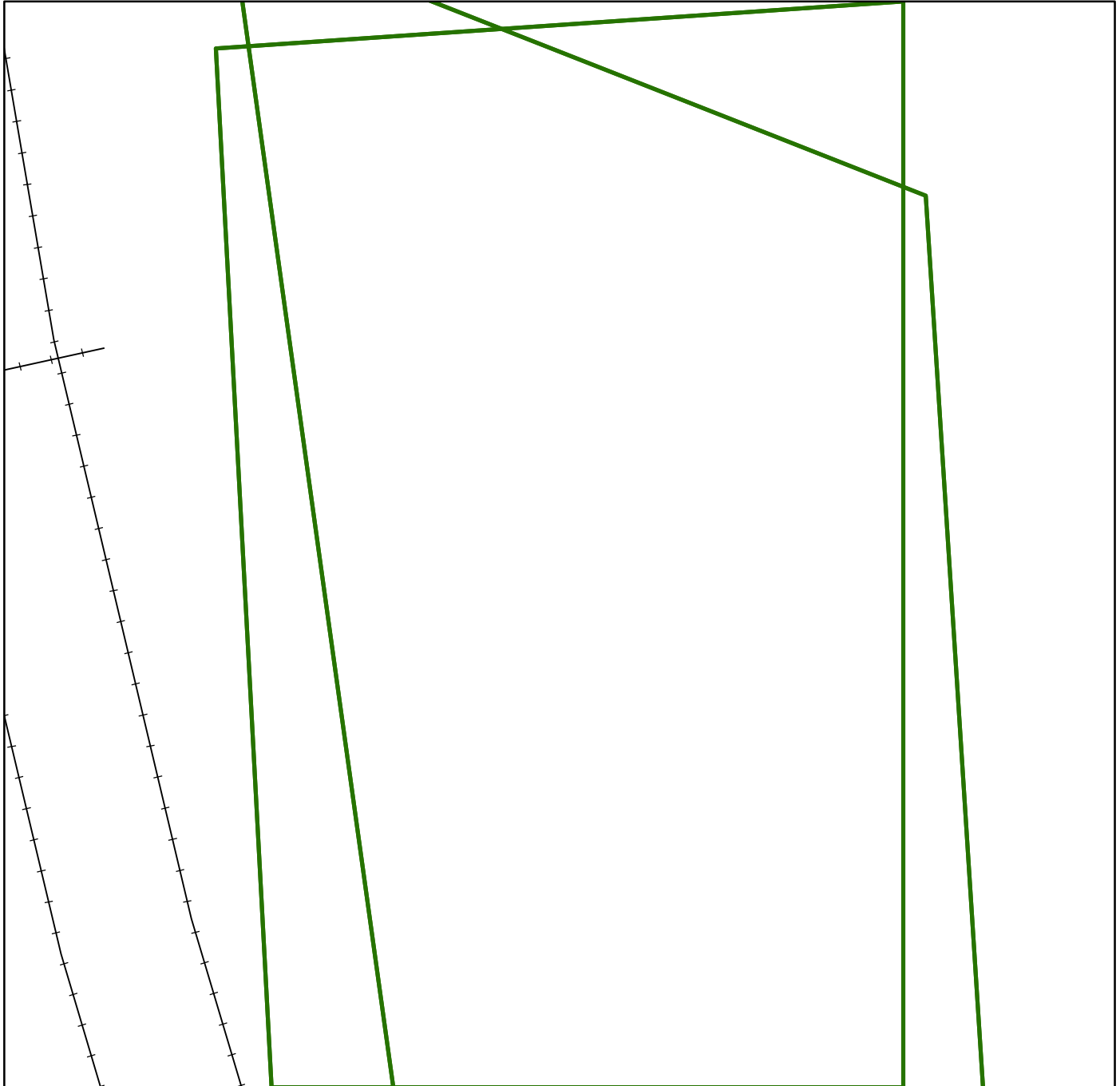- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

02.55 10 15 20
Feet

Thorium-230

SWMU 076

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 0.5 1 2 3 4
Feet

Thorium-230

SWMU 077

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
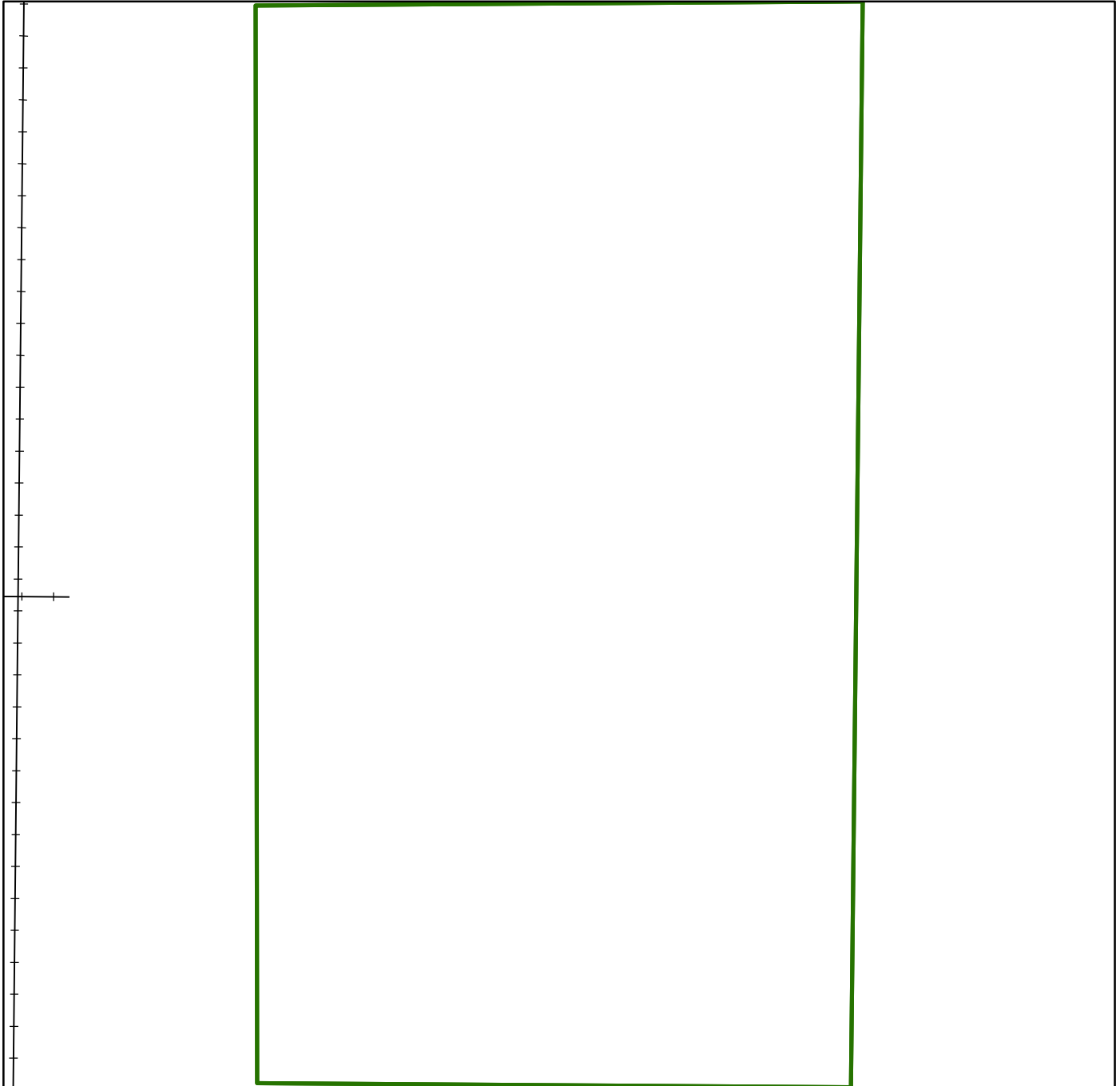- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 0.5 1 2 3 4
Feet

Thorium-230

SWMU 078

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
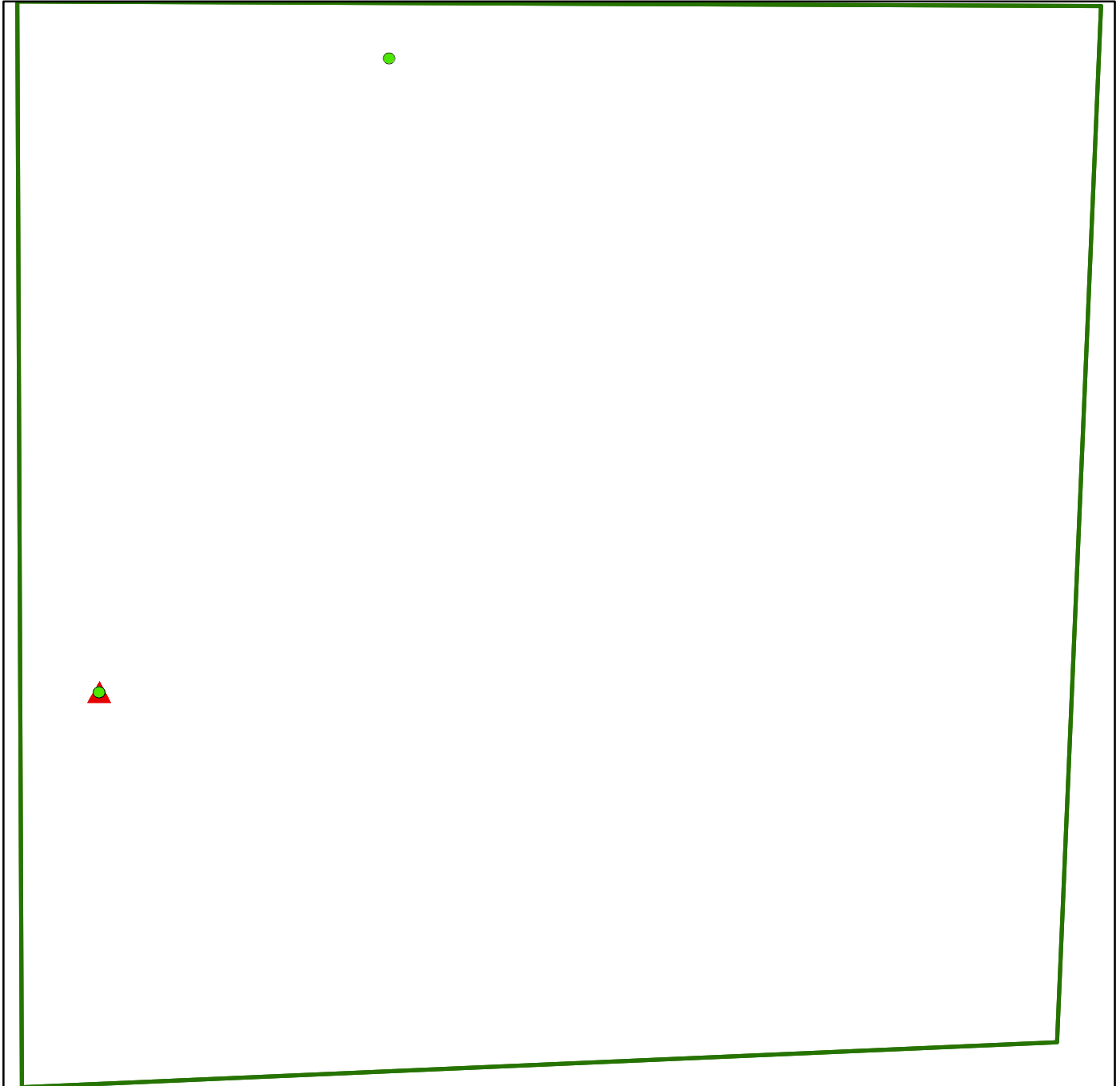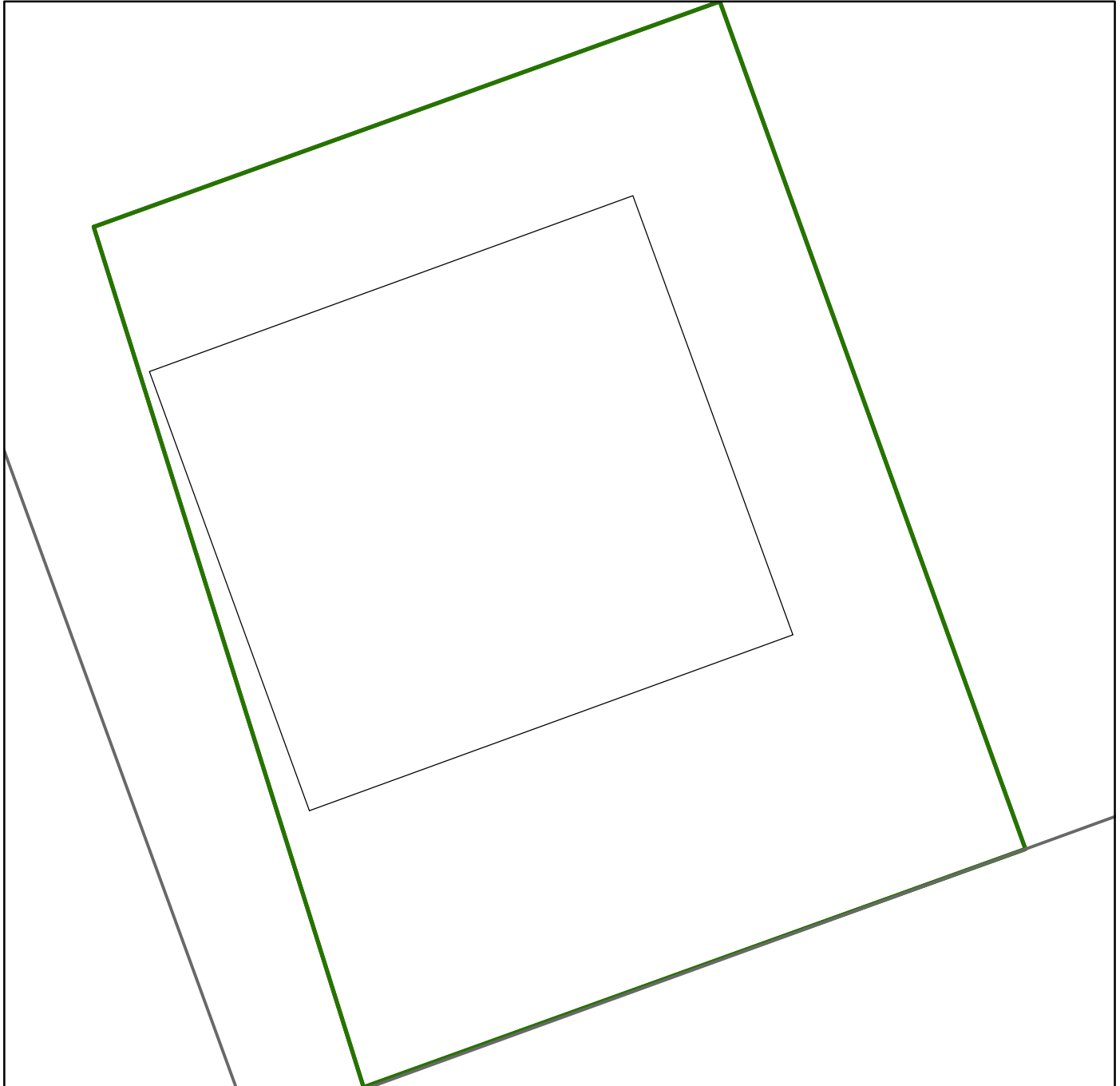- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 1 2   4   6   8
Feet

Thorium-230

SWMU 079

0.5 2 3 4
Feet

Thorium-230

SWMU 080

0 2.5 5 10 15 20
Feet

Thorium-230

SWMU 081

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
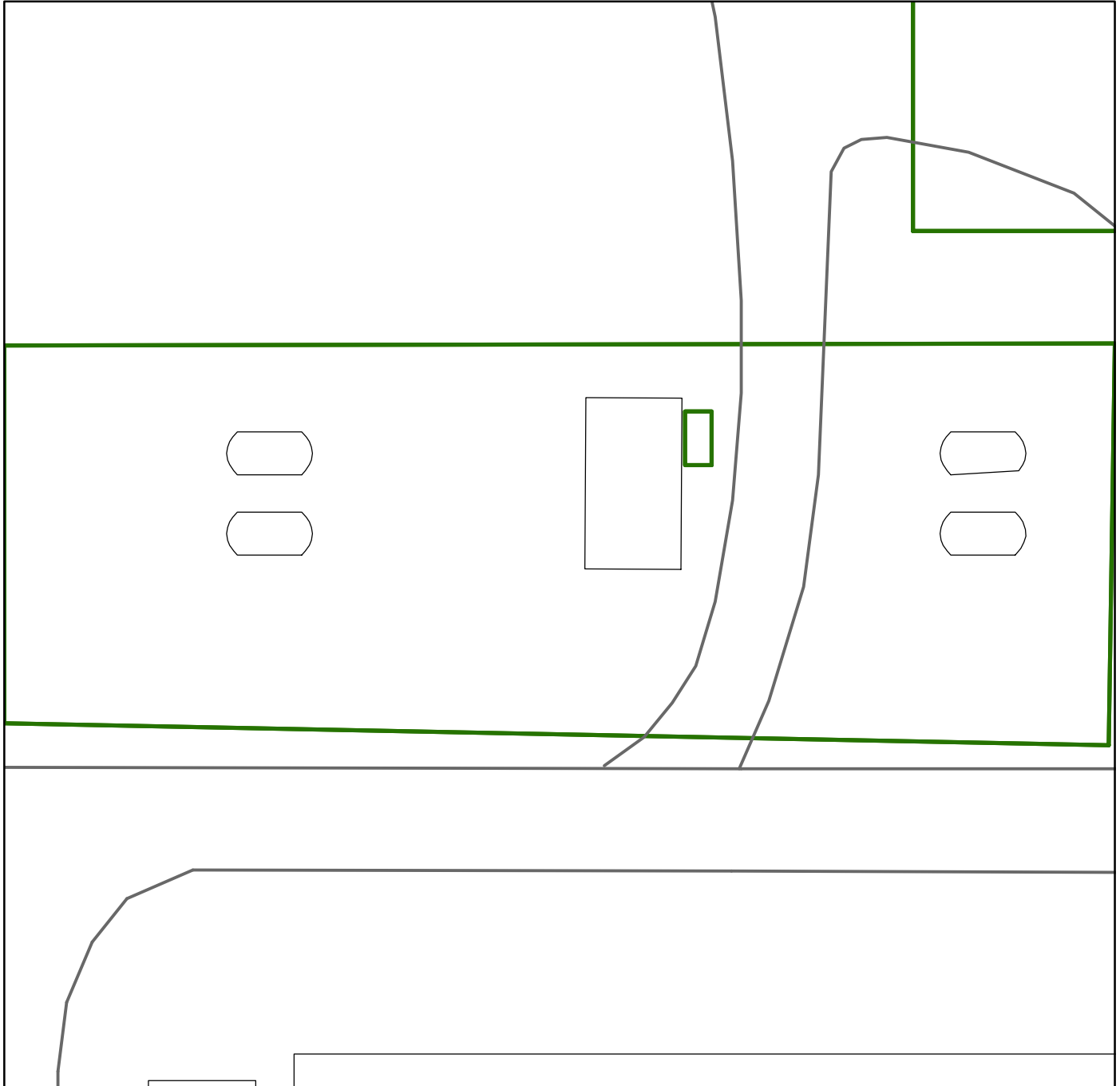- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 2.5 5 10 15 20
Feet

Thorium-230

SWMU 092

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
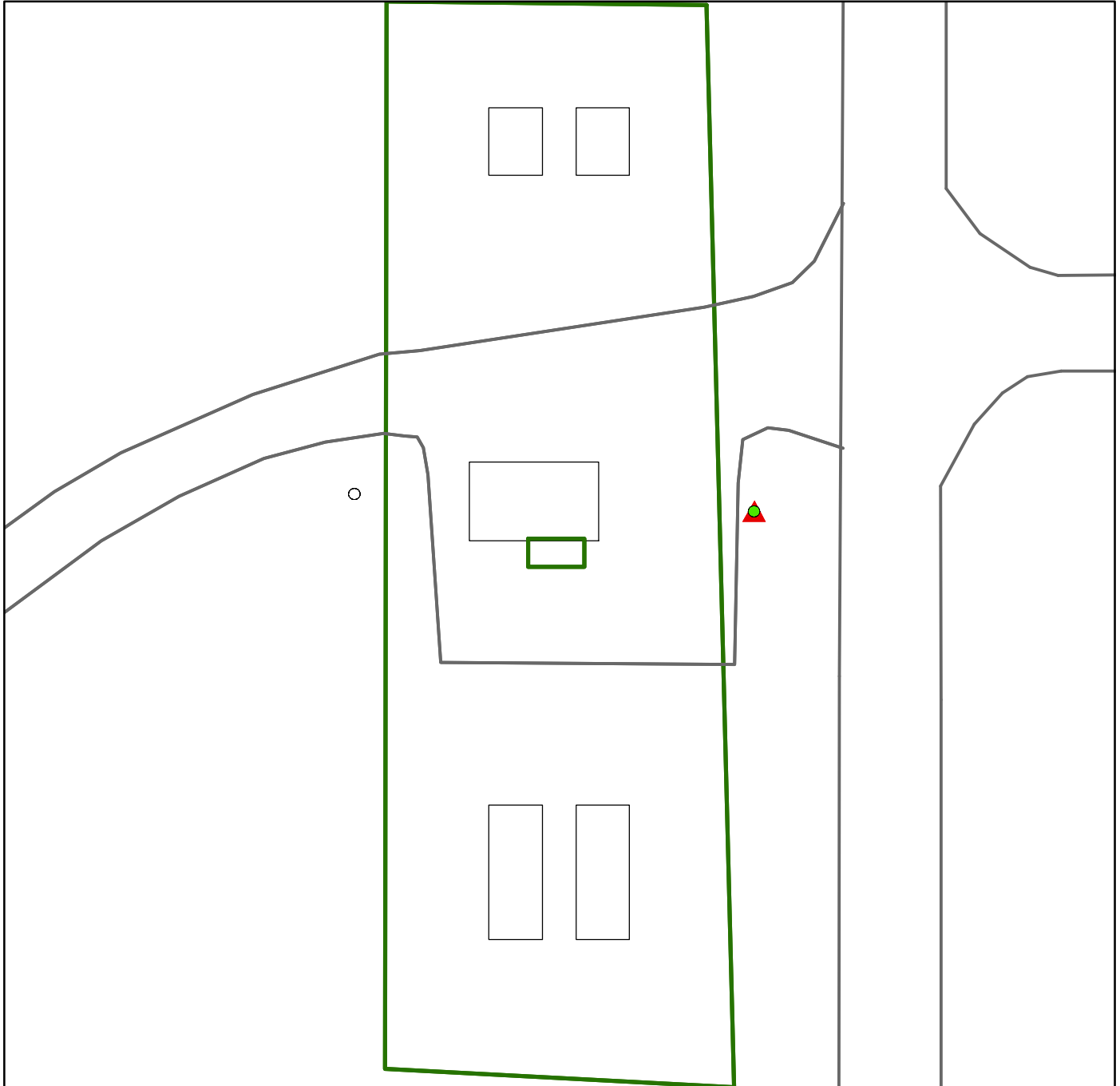- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40 Feet

Thorium-230

SWMU 097

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
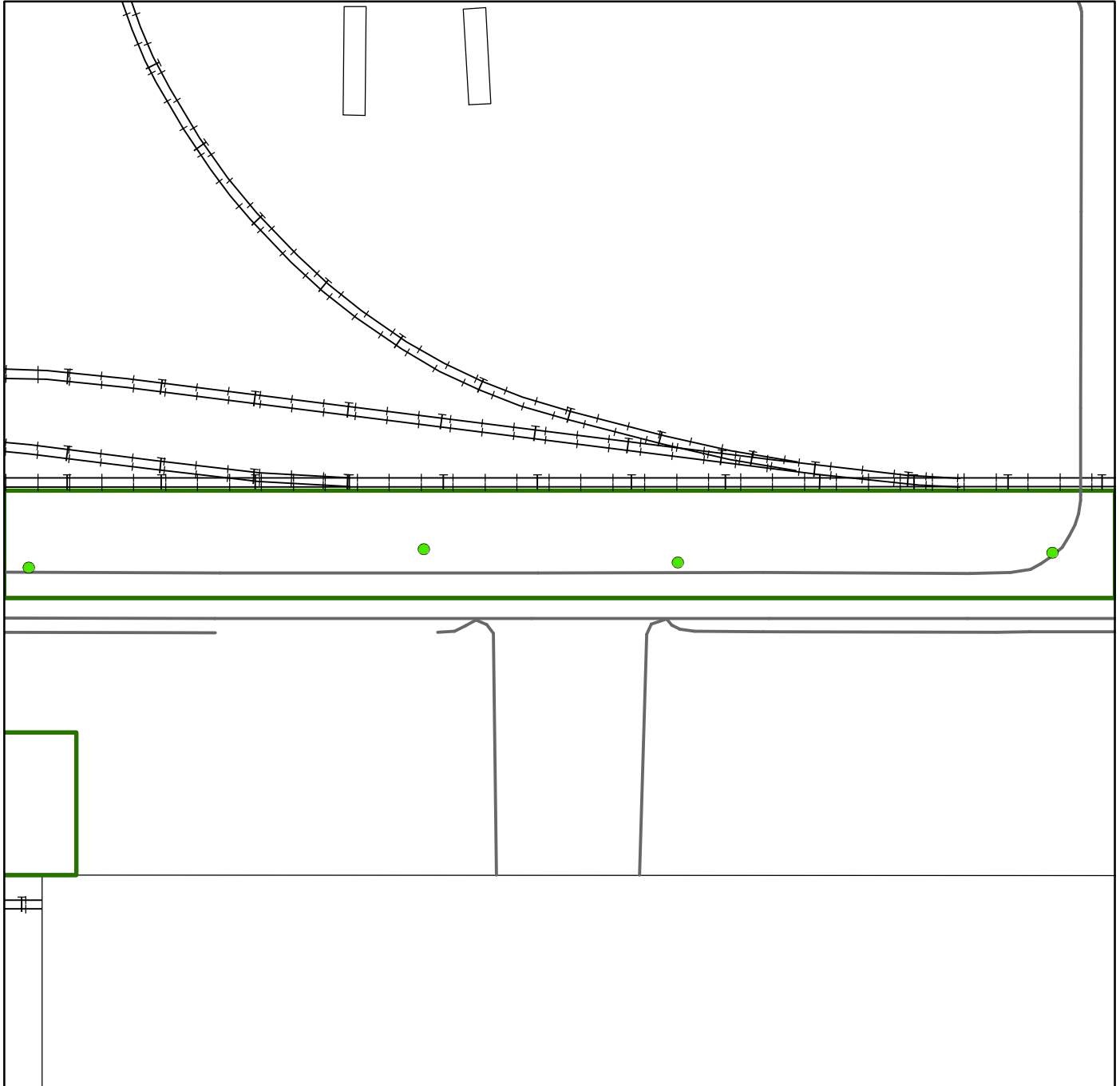- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

250 0 250 500
Feet

Thorium-230

SWMU 099

050 100 200 300 400
Feet

Thorium-230

SWMU 135

0 1 2 4 6 8 Feet

Thorium-230

SWMU 137

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
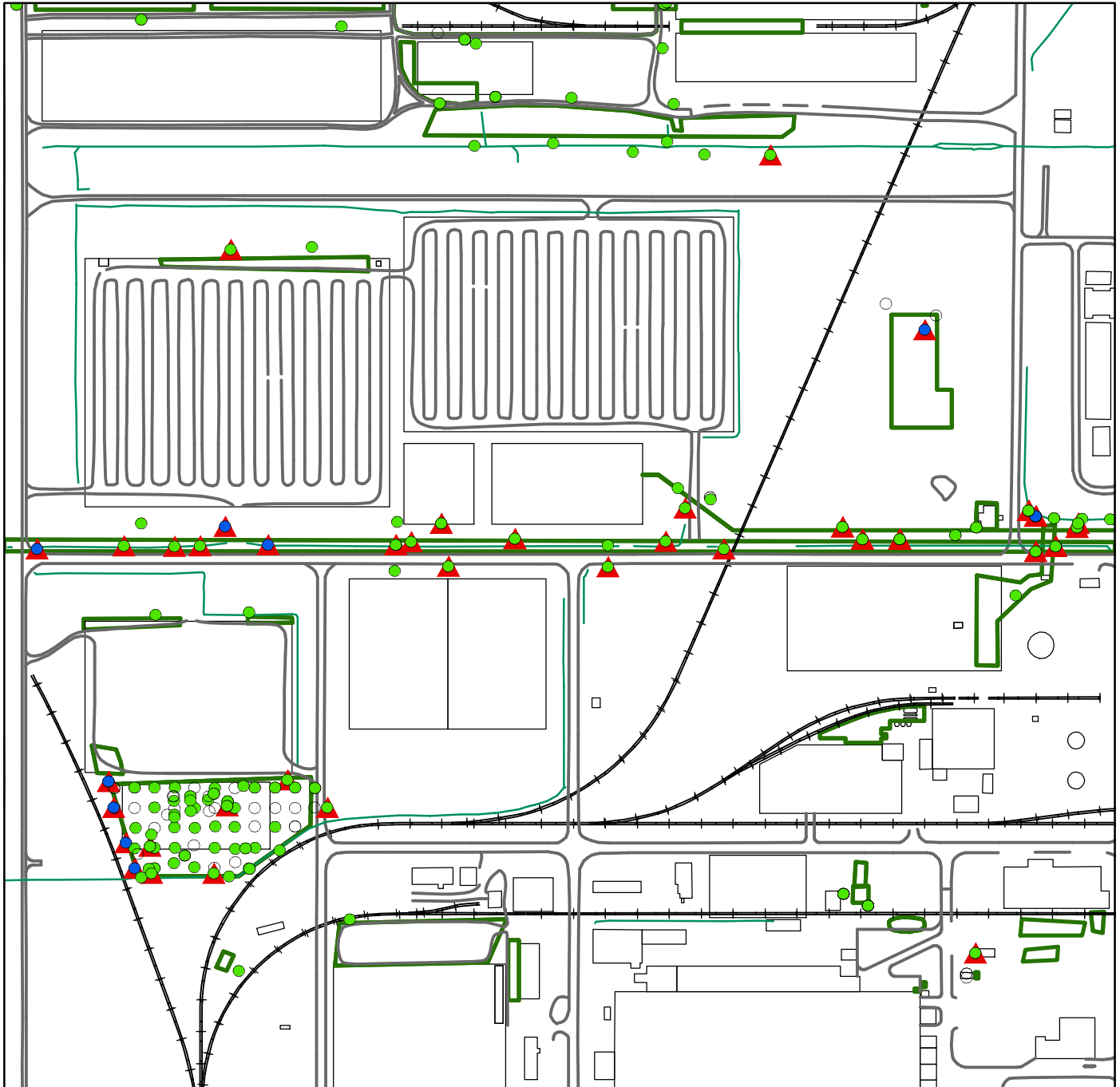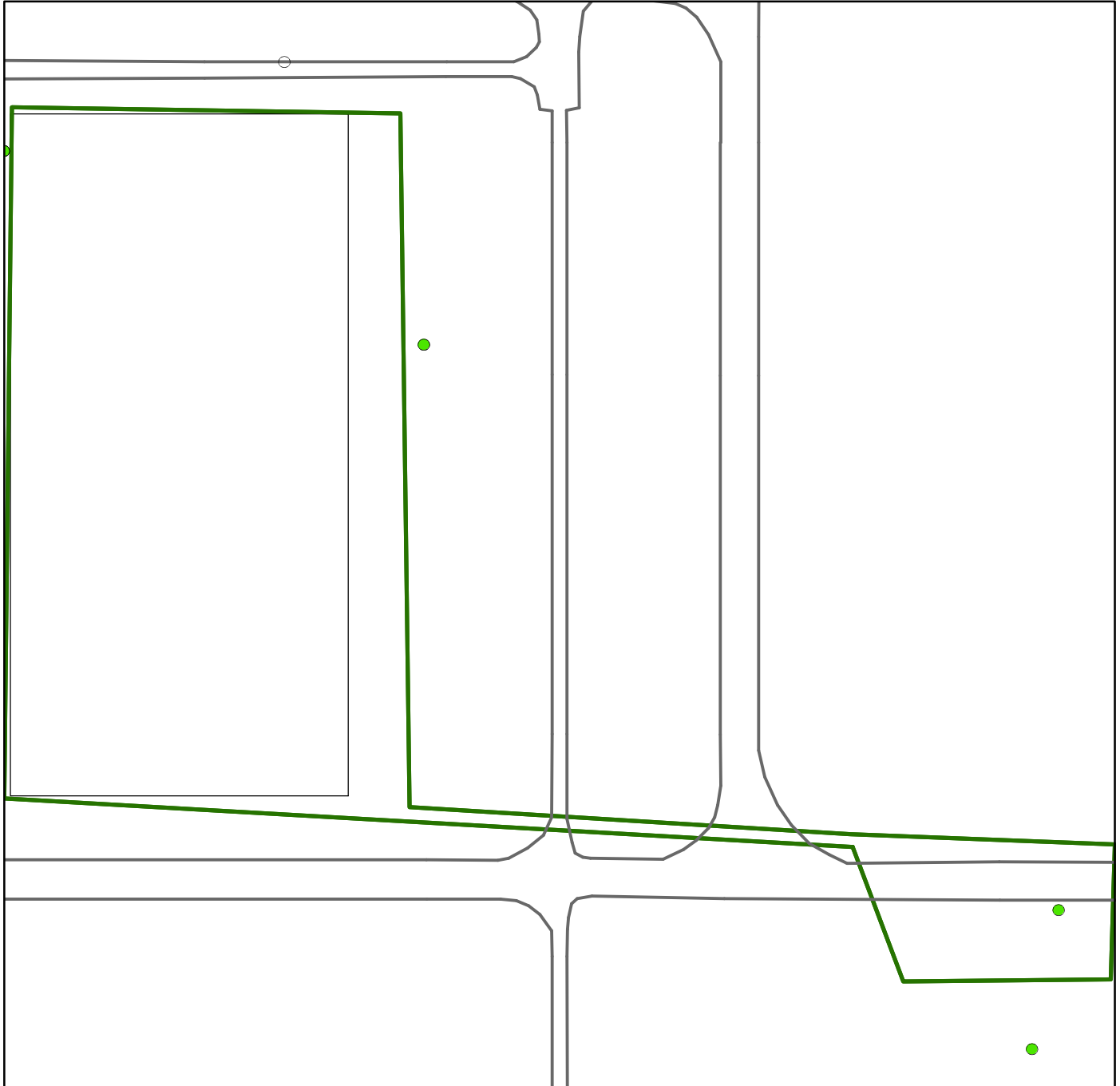Background values from DOE 2001.**

0 0.2 0.4 0.6 0.8
Feet

Thorium-230

SWMU 138a

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
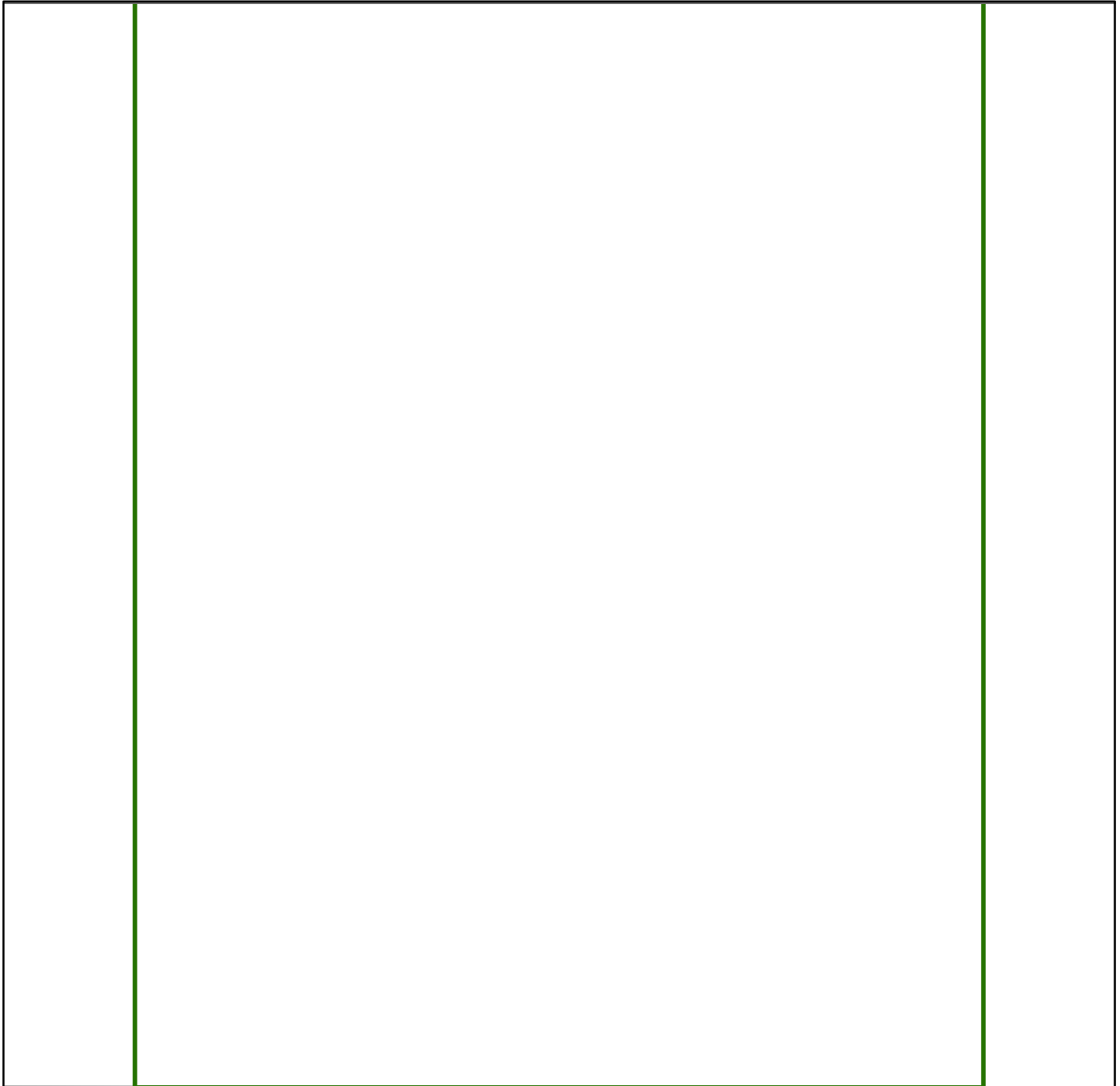- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

2.5 5 10 15 20 Feet

Thorium-230

SWMU 138b

036 121824

Feet

Thorium-230

SWMU 153

036 12 18 24
Feet

20°
N
TRUE
N
PLANT

Thorium-230

SWMU 154

Legend

● DETECT GREATER THAN ACTION LEVEL

● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL

● DETECT LESS THAN NO ACTION LEVEL
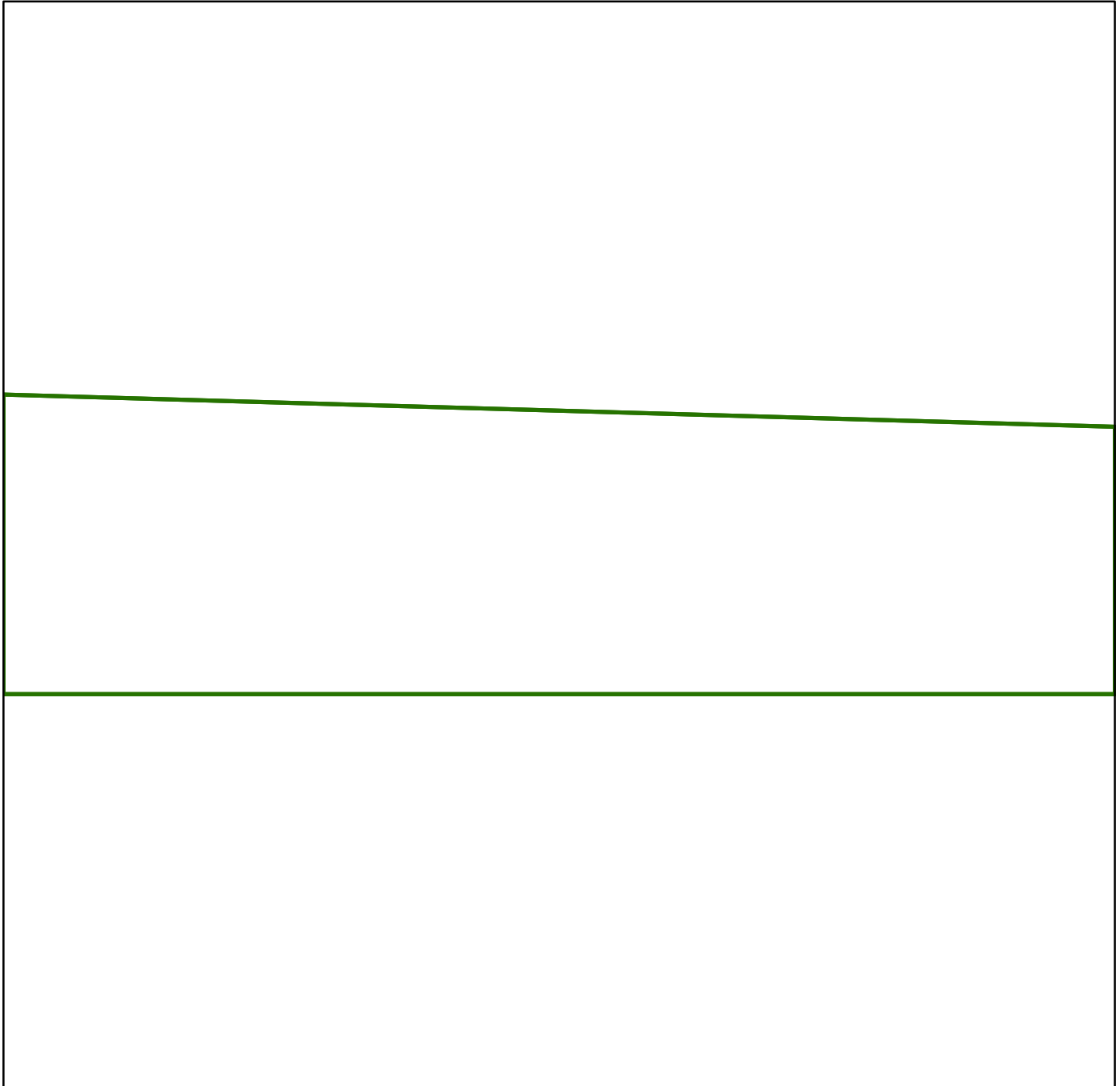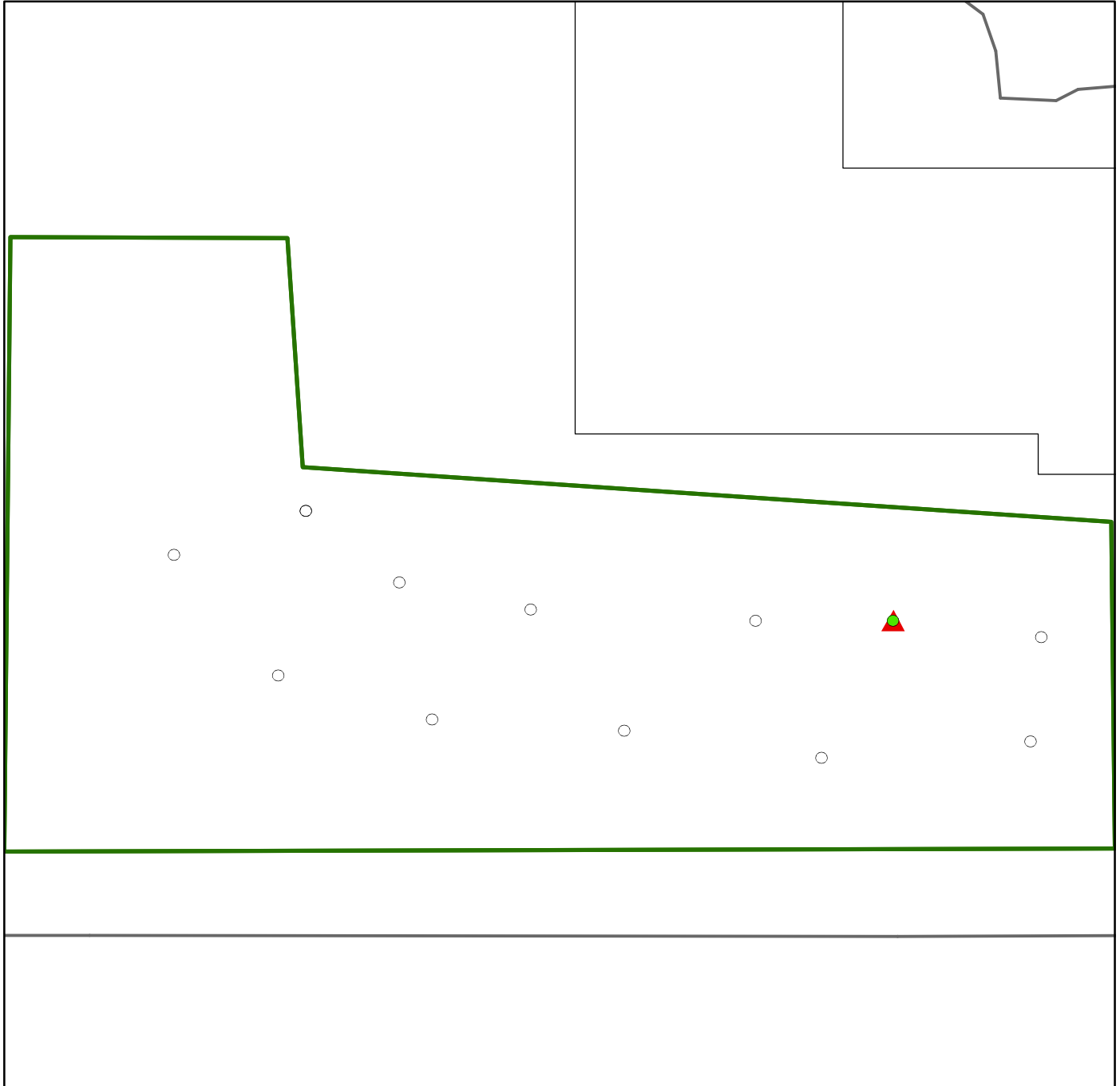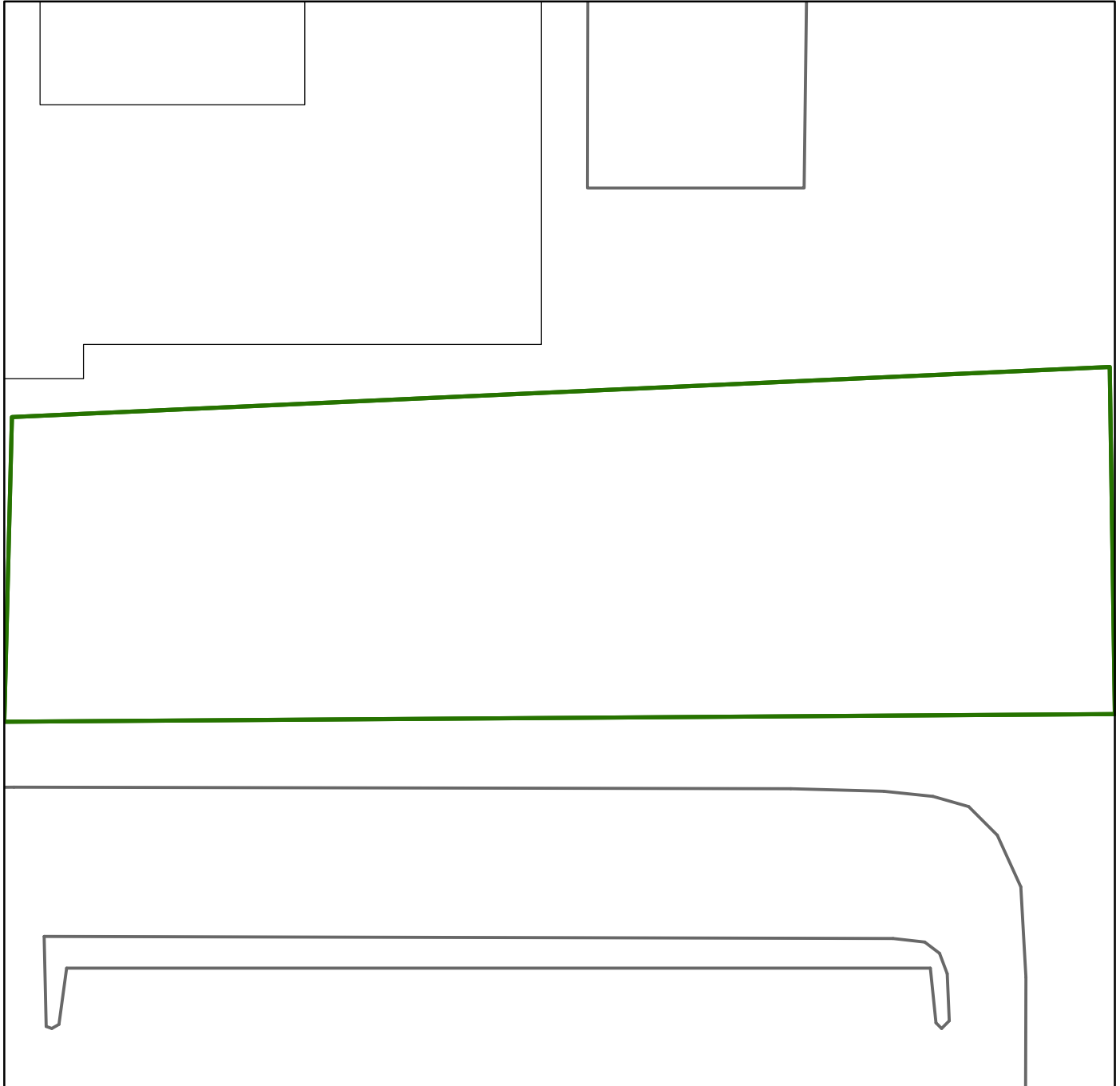
▲ DETECT GREATER THAN BACKGROUND

○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 4 8 16 24 32
⬛⬛ ⬛ Feet

Thorium-230

SWMU 155

Legend

- (purple) DETECT GREATER THAN ACTION LEVEL
- (blue) DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- (green) DETECT LESS THAN NO ACTION LEVEL
- (red triangle) DETECT GREATER THAN BACKGROUND
- (open circle) NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 4.5 9 18 27 36
Feet

Thorium-230

SWMU 156

Legend

- **●** DETECT GREATER THAN ACTION LEVEL
- **●** DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- **●** DETECT LESS THAN NO ACTION LEVEL
- **▲** DETECT GREATER THAN BACKGROUND
- **○** NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 2.5 5 10 15 20
Feet

Thorium-230

SWMU 158

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
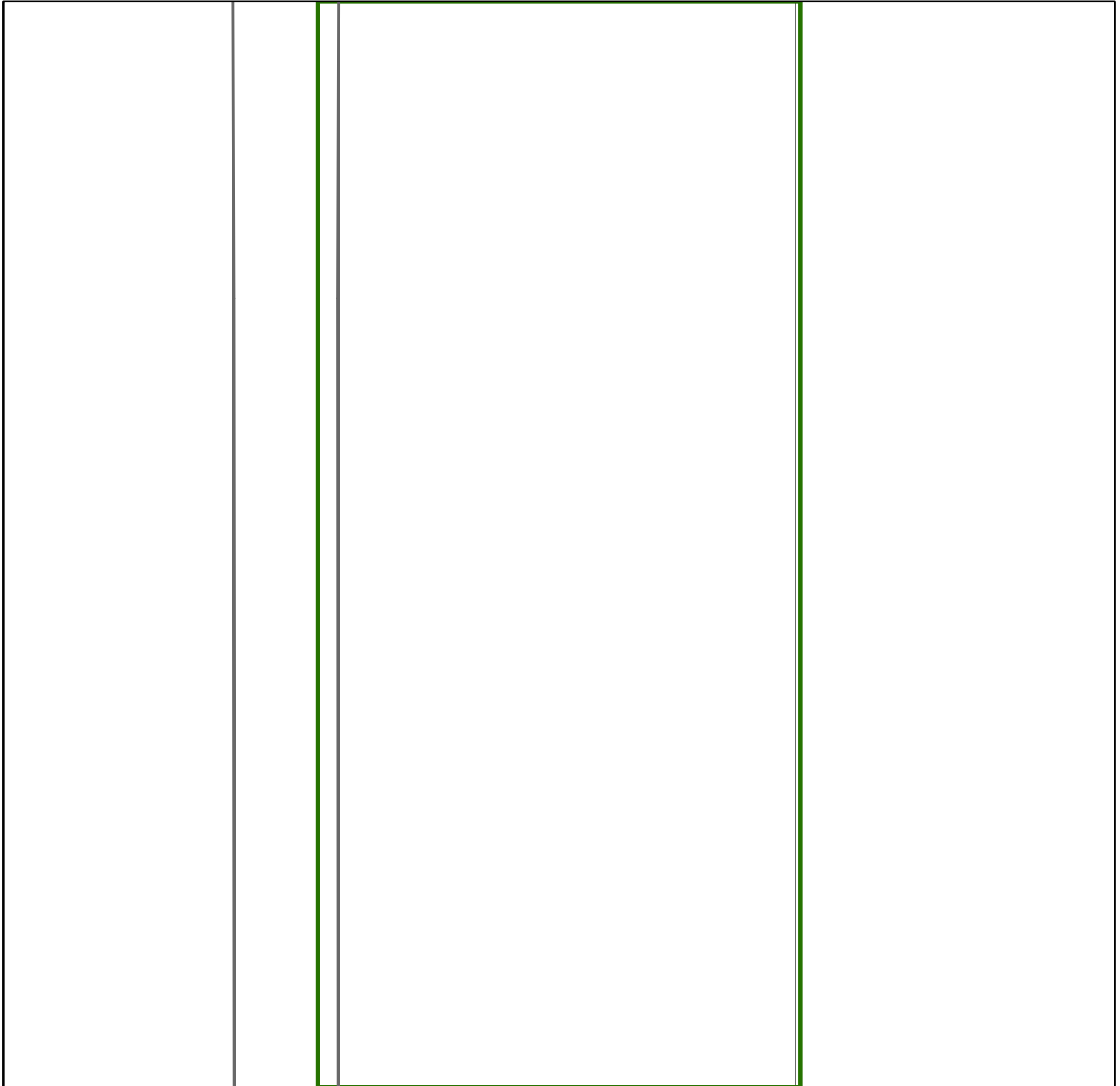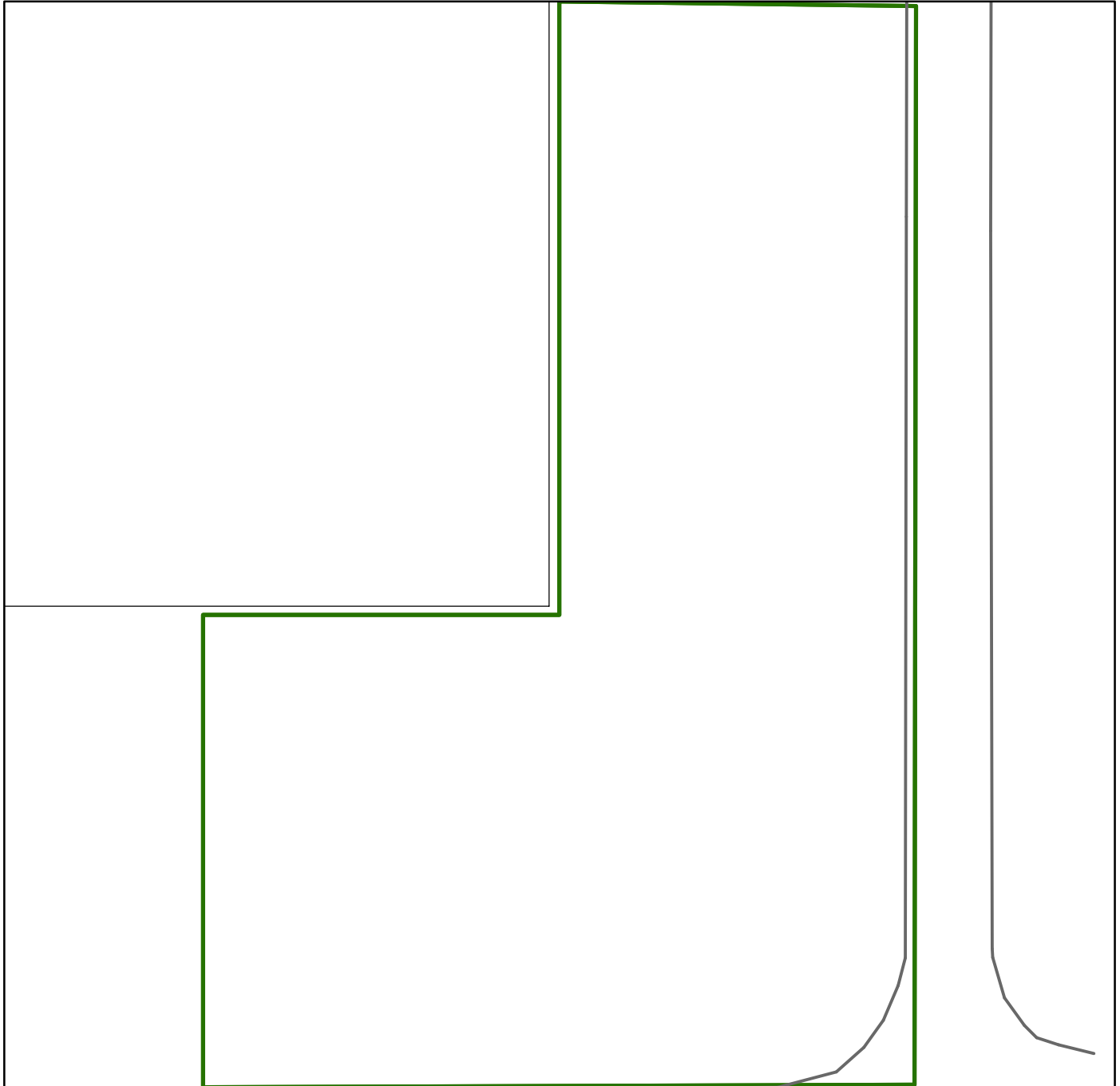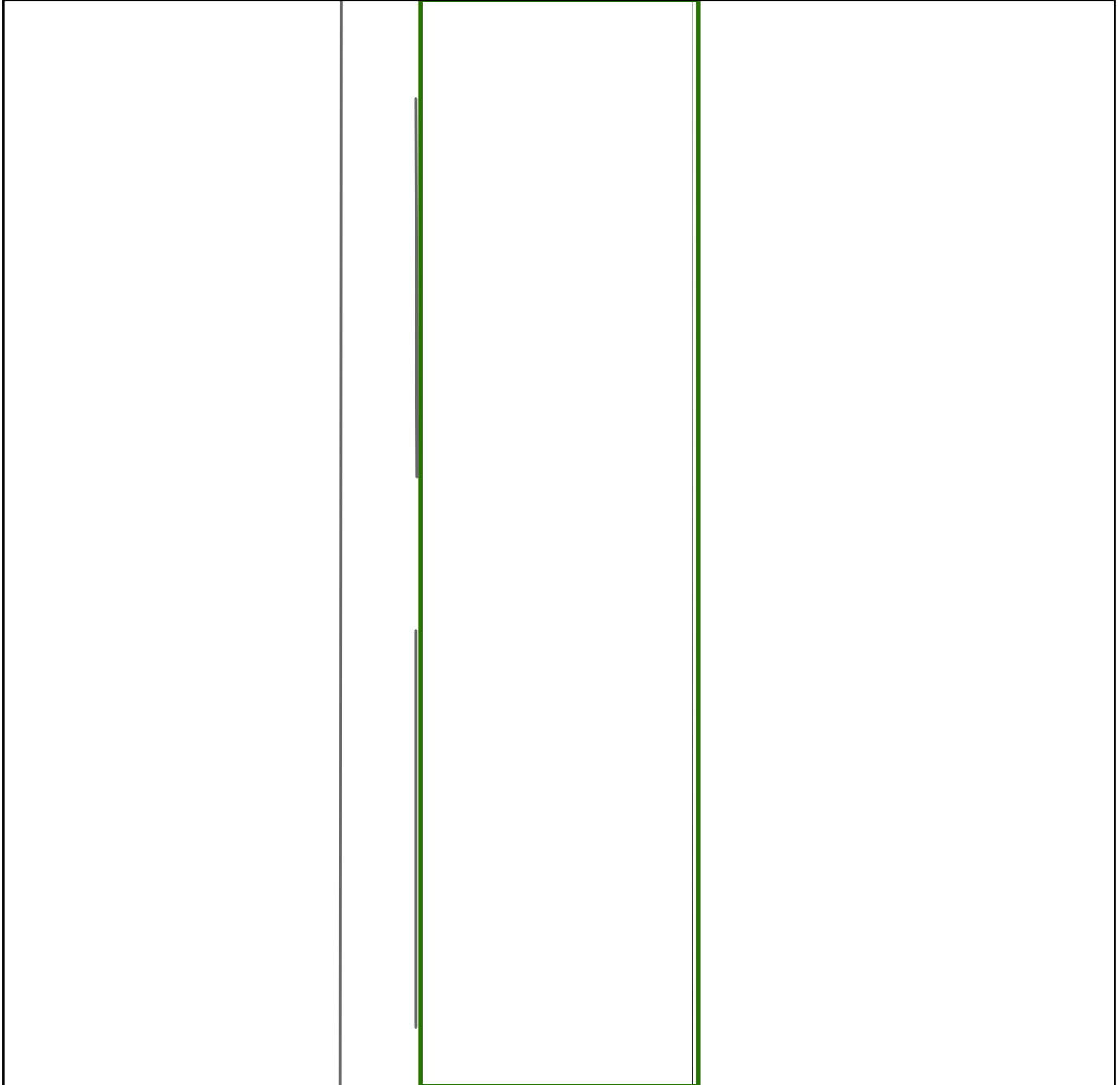- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40
Feet

Thorium-230

SWMU 160

0.25 5 5 7.5 10
Feet

Thorium-230

SWMU 163

Legend

- ● (purple) DETECT GREATER THAN ACTION LEVEL
- ● (blue) DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● (green) DETECT LESS THAN NO ACTION LEVEL
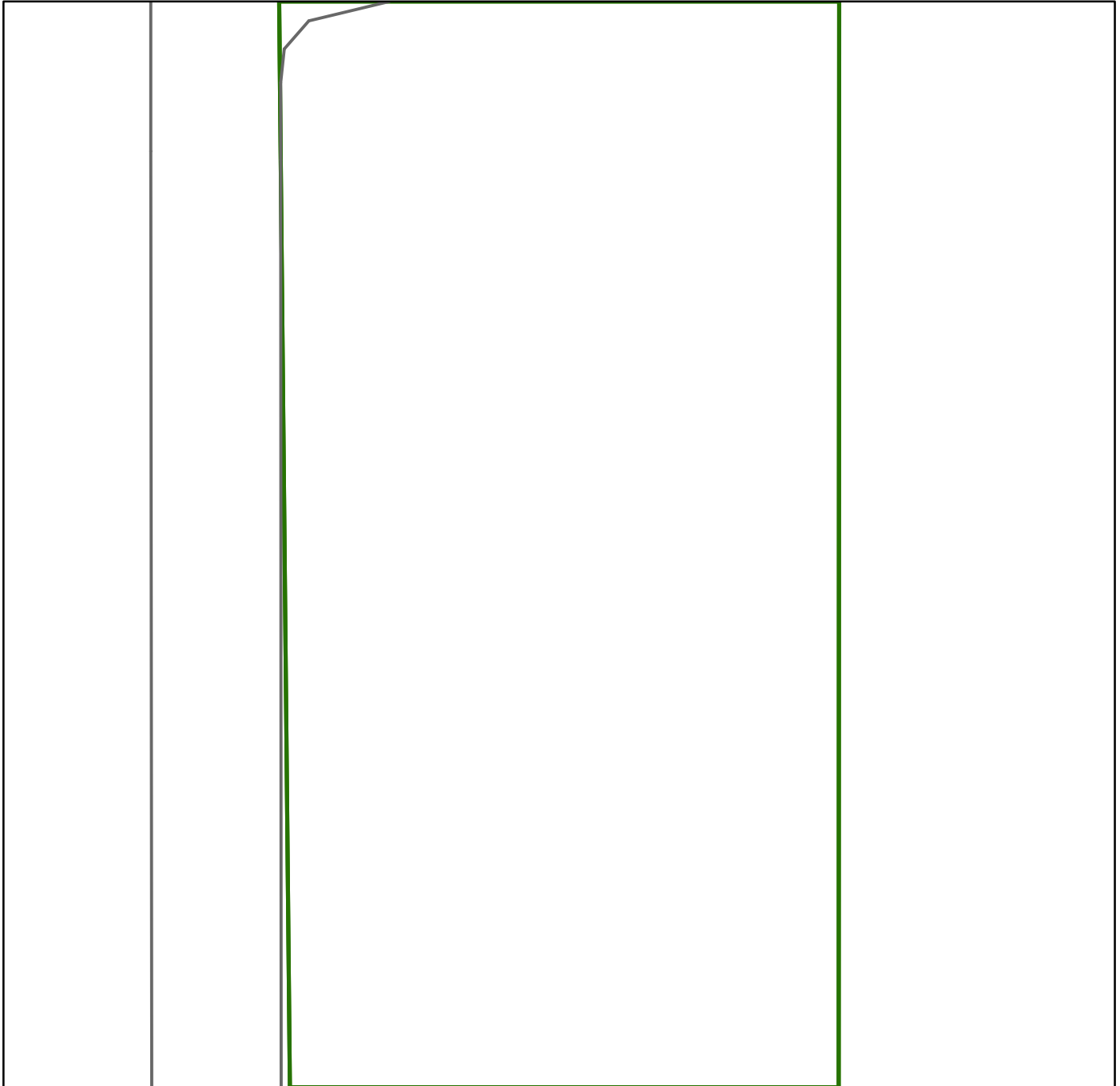- ▲ (red) DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 1 2 4 6 8
Feet

Thorium-230

SWMU 165

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
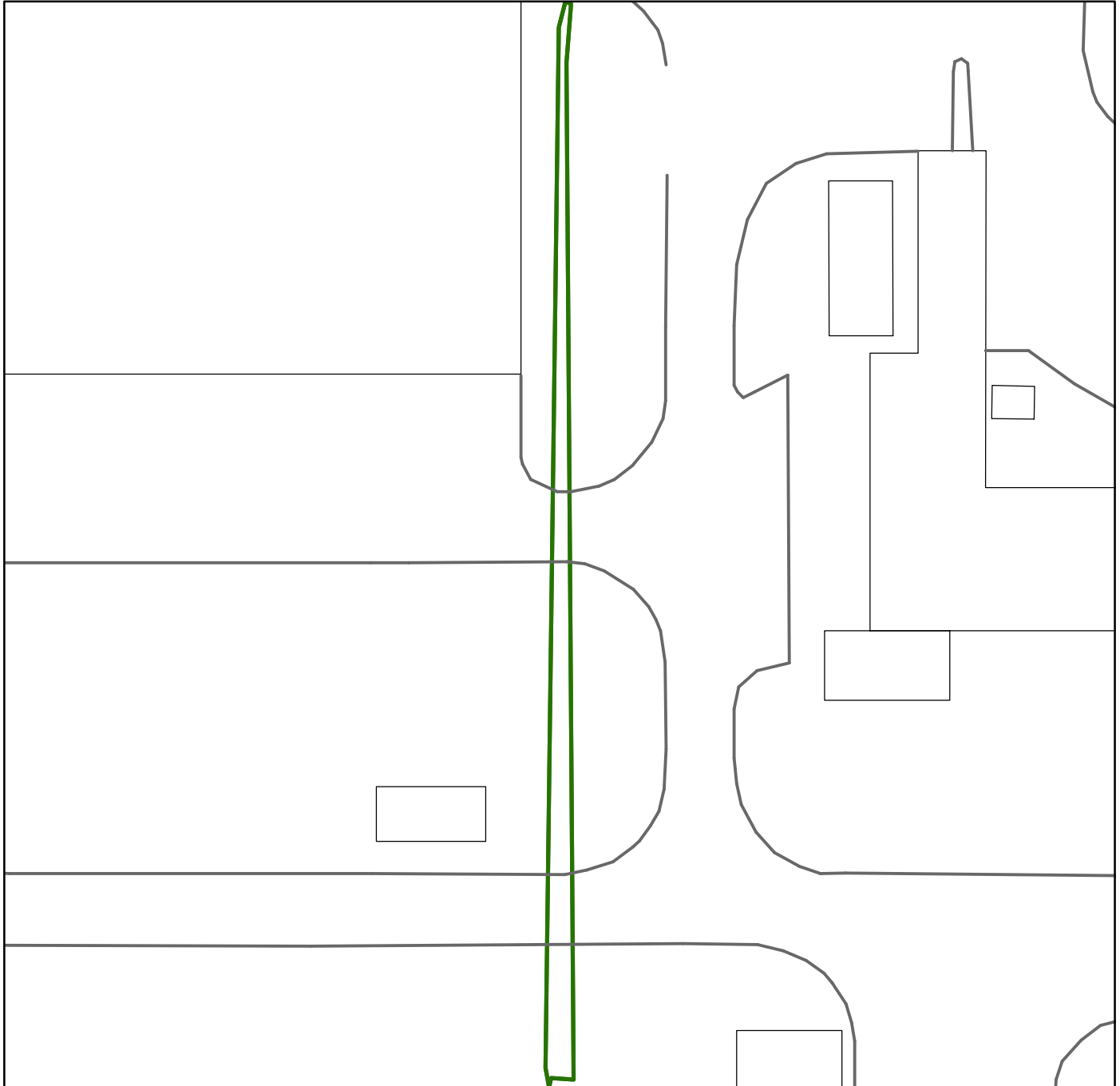- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 4.5 9 18 27 36
Feet

Thorium-230

SWMU 169

0 0.2 0.4 0.8 1.2 1.6 Feet

Thorium-230

SWMU 170

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
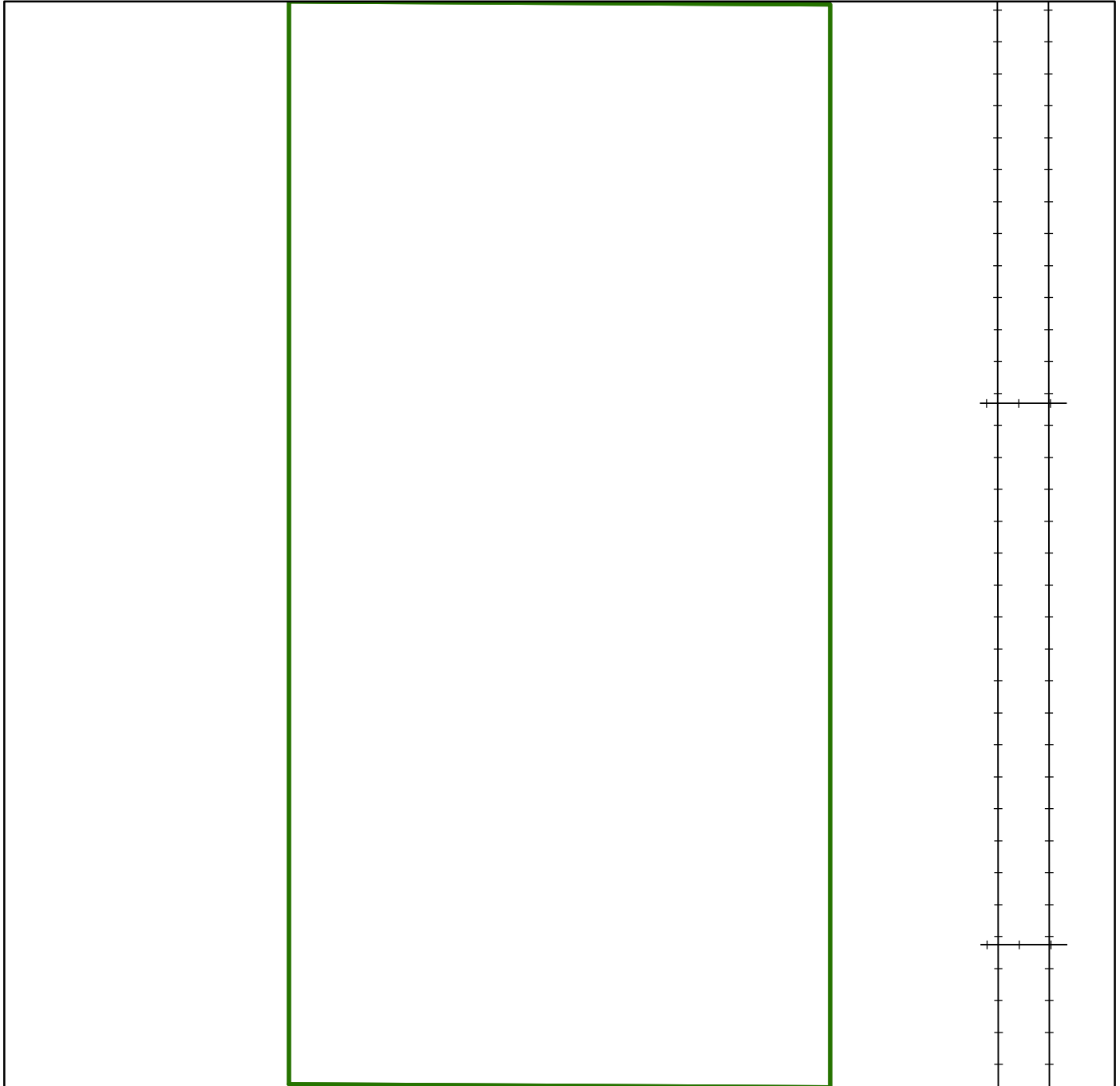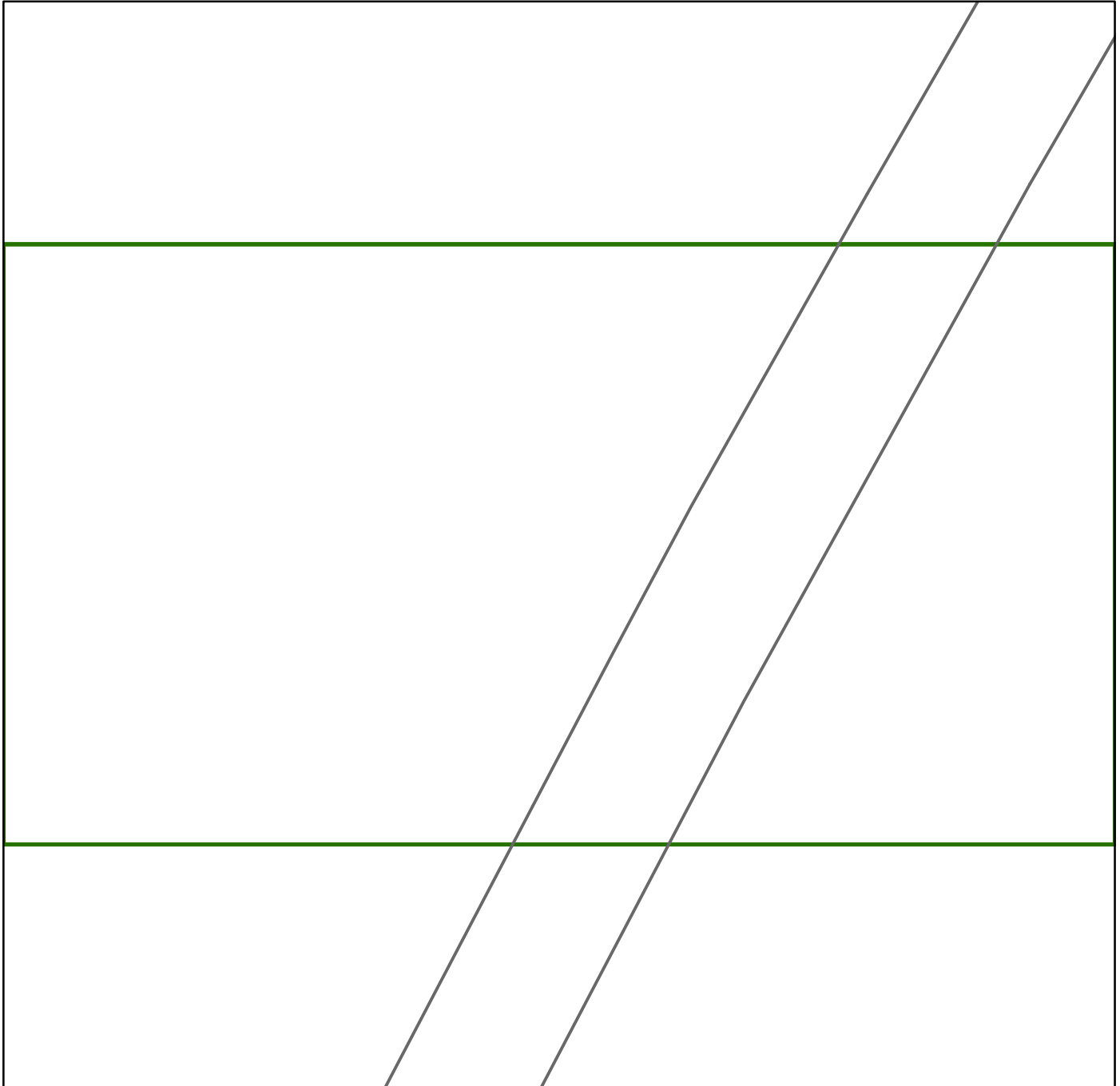- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

N
20°
N
TRUE
PLANT

0.25 0.5 1 1.5 2
Feet

Thorium-230

SWMU 172

Legend

- **●** DETECT GREATER THAN ACTION LEVEL
- **●** DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- **●** DETECT LESS THAN NO ACTION LEVEL
- **▲** DETECT GREATER THAN BACKGROUND
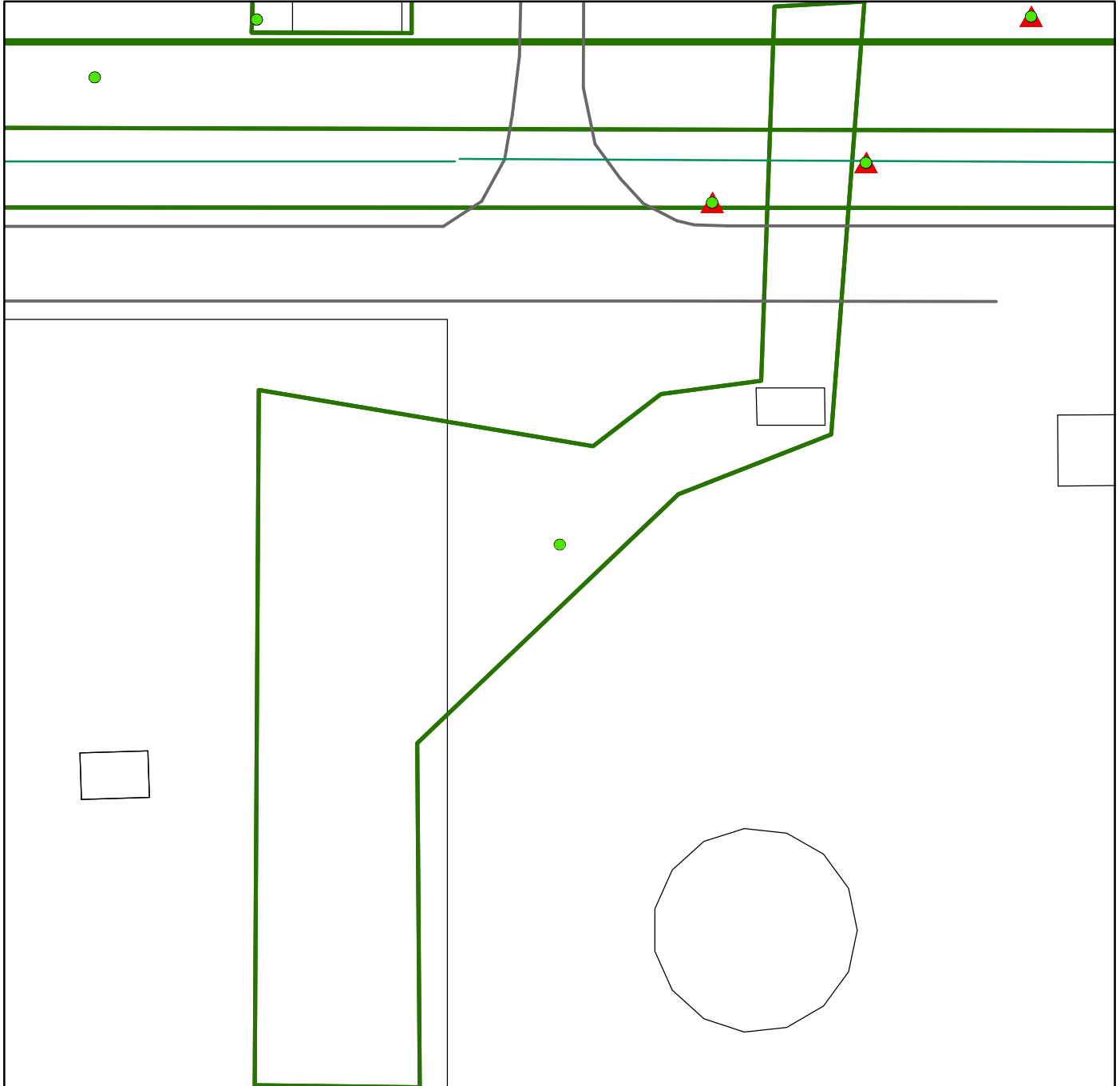- **○** NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 1 2 4   6   8 Feet

N
TRUE
20°
N
PLANT

Thorium-230

SWMU 176

0.25 5 7.5 10 Feet

Thorium-230

SWMU 177

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
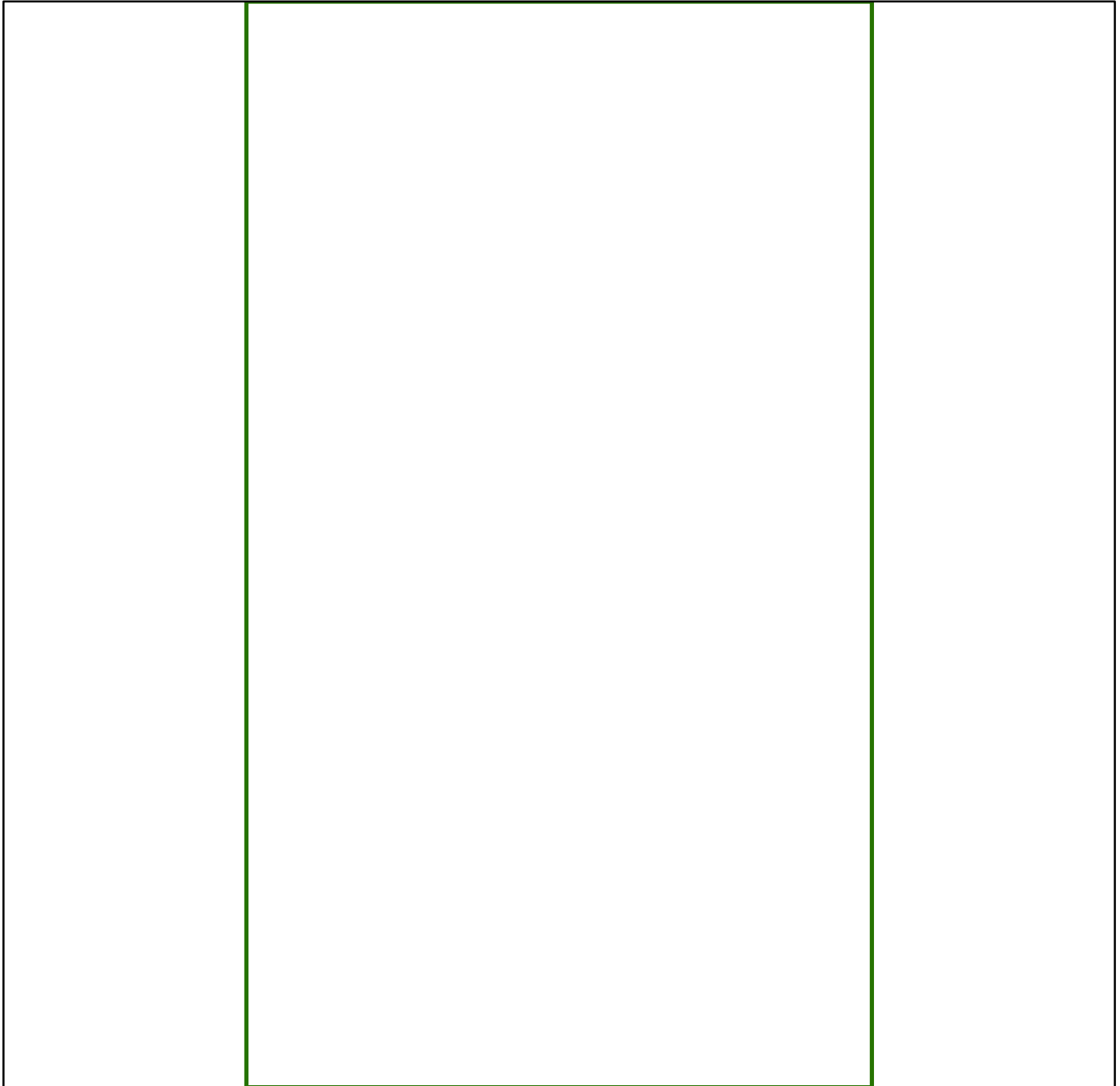- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

01.53   6   9   12
▬▬▬▬▬▬ Feet

Thorium-230

SWMU 180

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
   LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
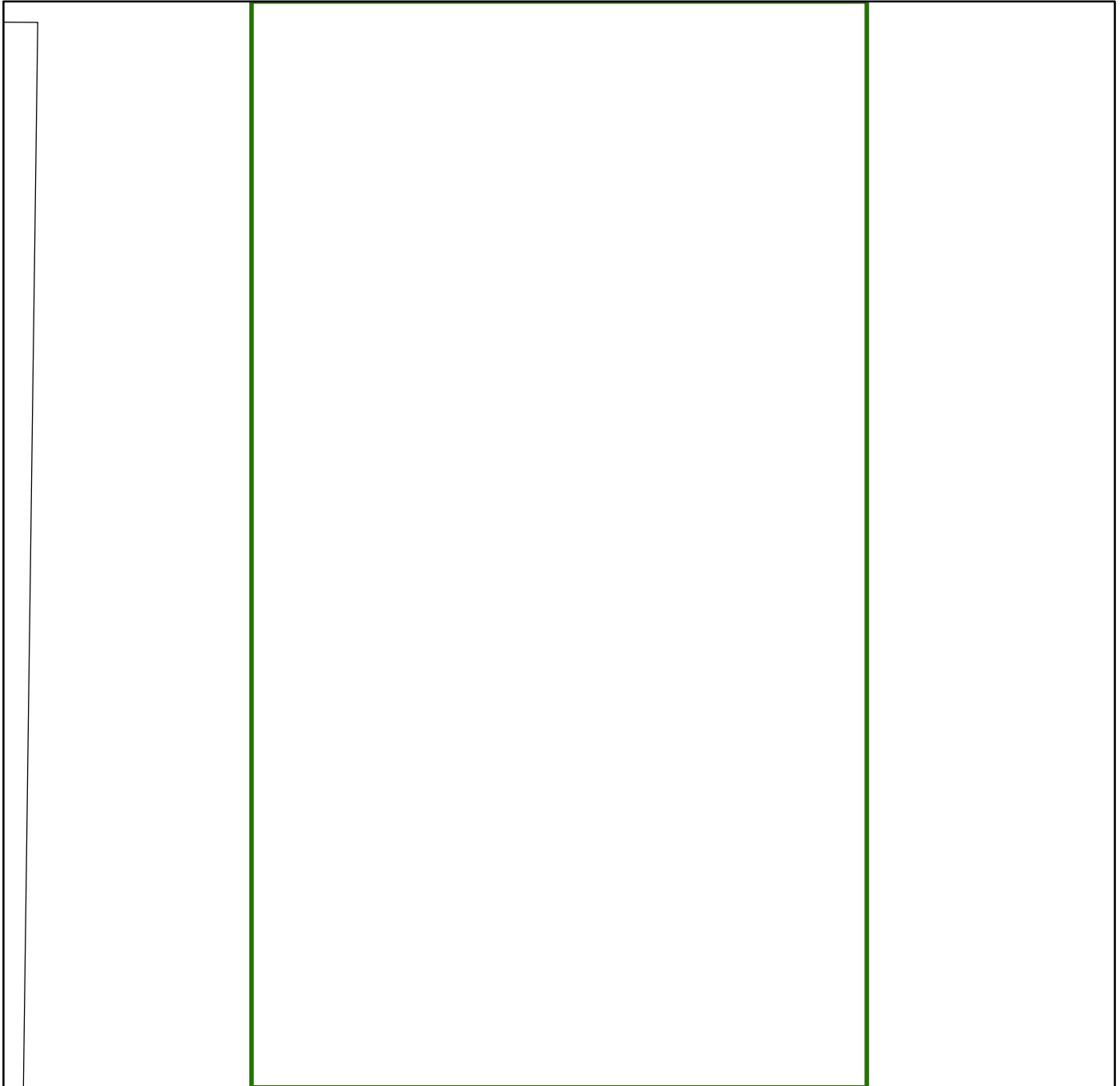- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 5 10 20 30 40 Feet

Thorium-230

SWMU 181

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
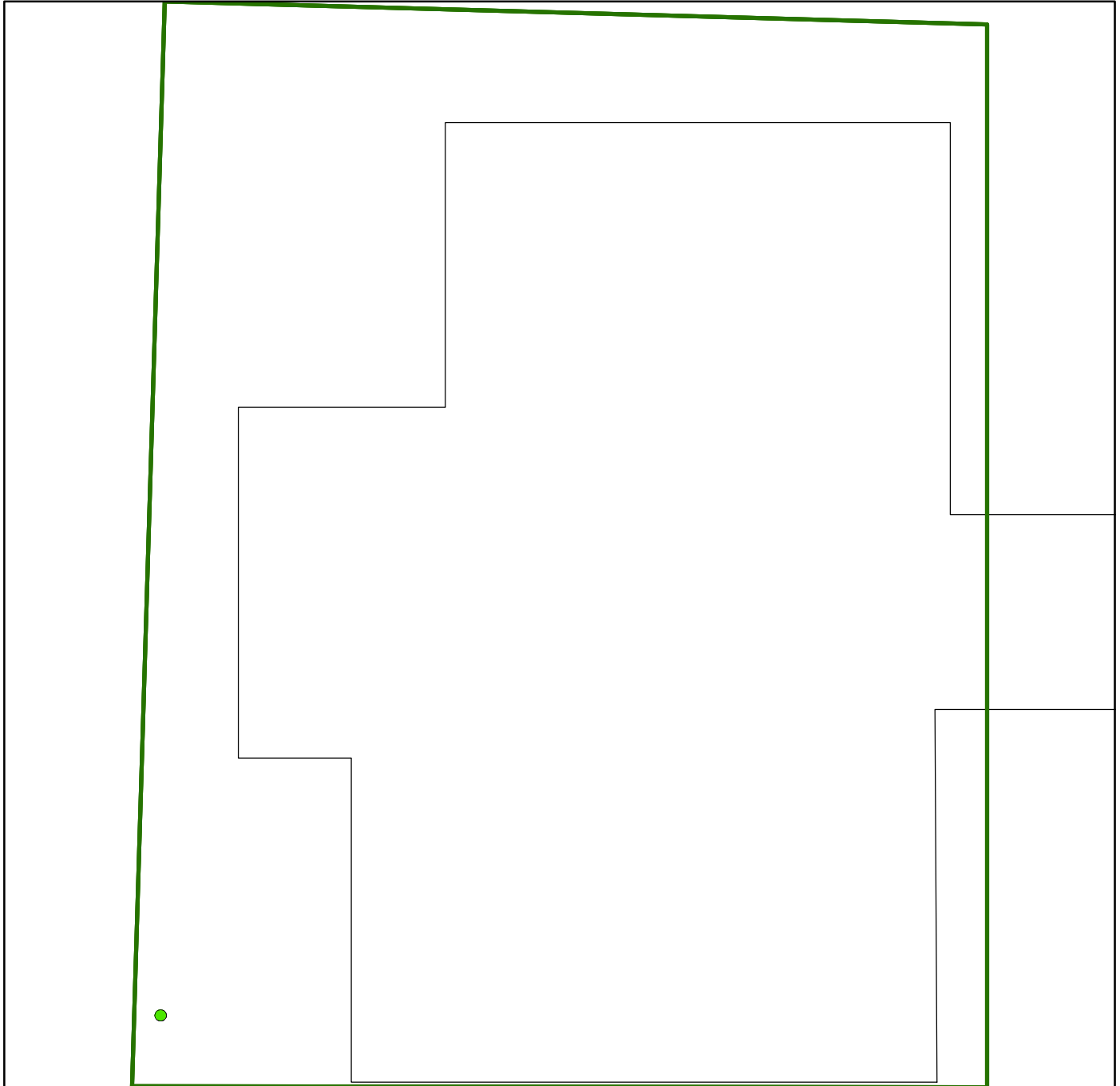- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.

0.5 7 14 21 28
Feet

Thorium-230

SWMU 194

Legend

- **DETECT GREATER THAN ACTION LEVEL**
- **DETECT GREATER THAN NO ACTION LEVEL**
  LESS THAN ACTION LEVEL
- **DETECT LESS THAN NO ACTION LEVEL**
- ▲ **DETECT GREATER THAN BACKGROUND**
- ○ **NONDETECT**
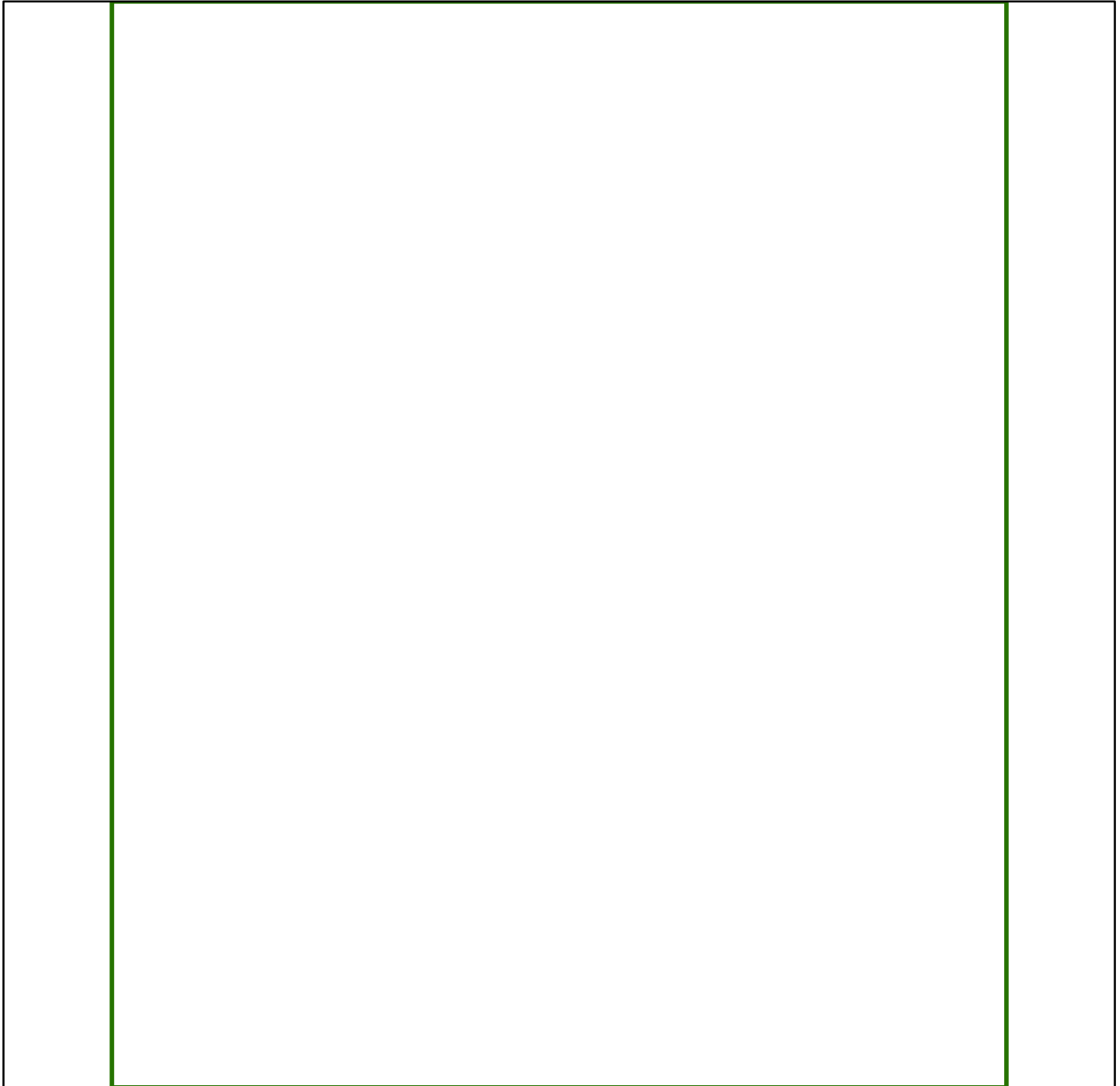
Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 25 50 100 150 200 Feet

Thorium-230

SWMU 195a

0 10 20 40 60 80
Feet

Thorium-230

SWMU 195b

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
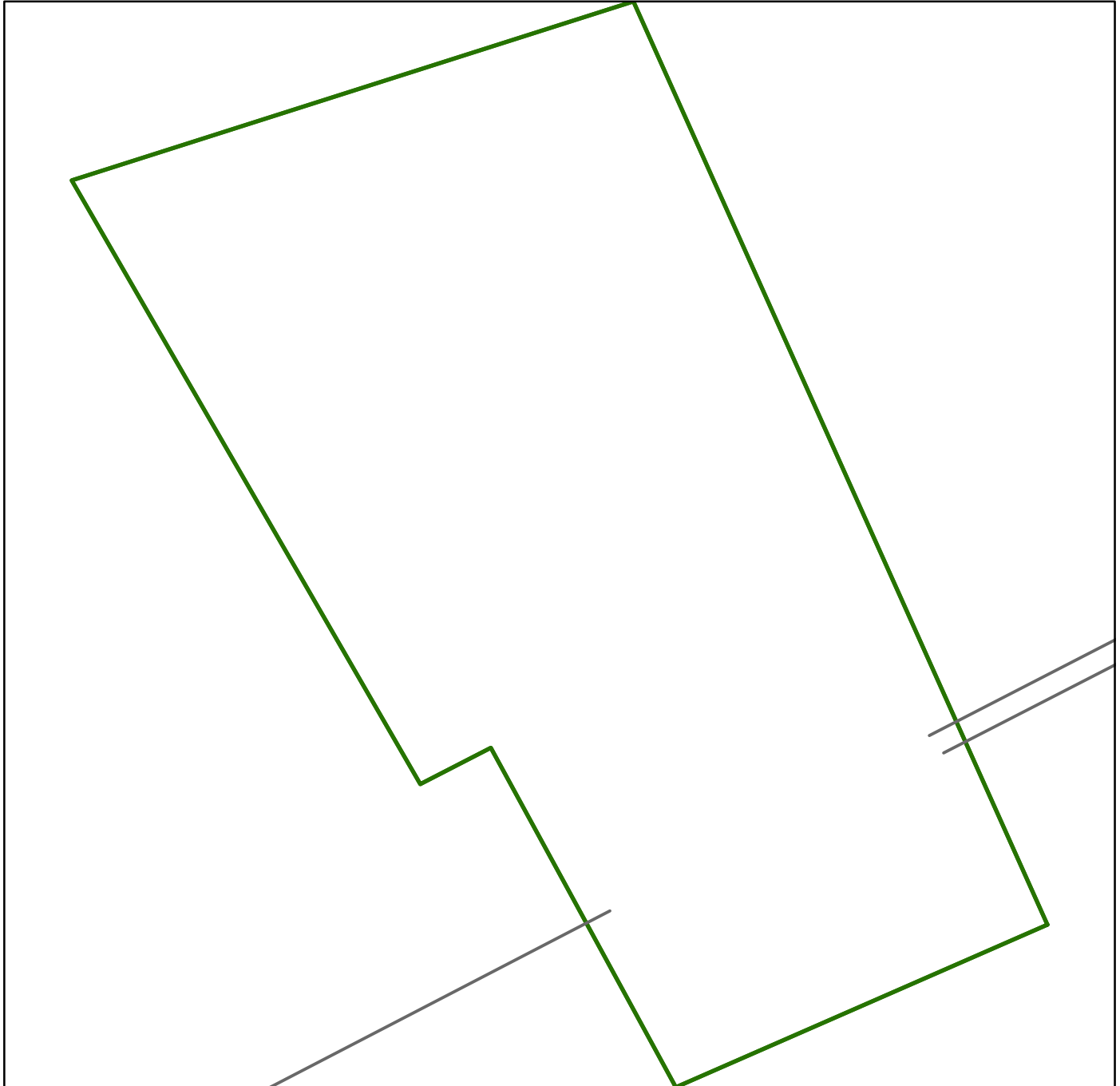- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 4.5 9 18 27 36 Feet

Thorium-230

SWMU 196a

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 2.5 5 10 15 20
Feet

Thorium-230

SWMU 196b

0 1 2 4 6 8
Feet

Thorium-230

SWMU 200

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
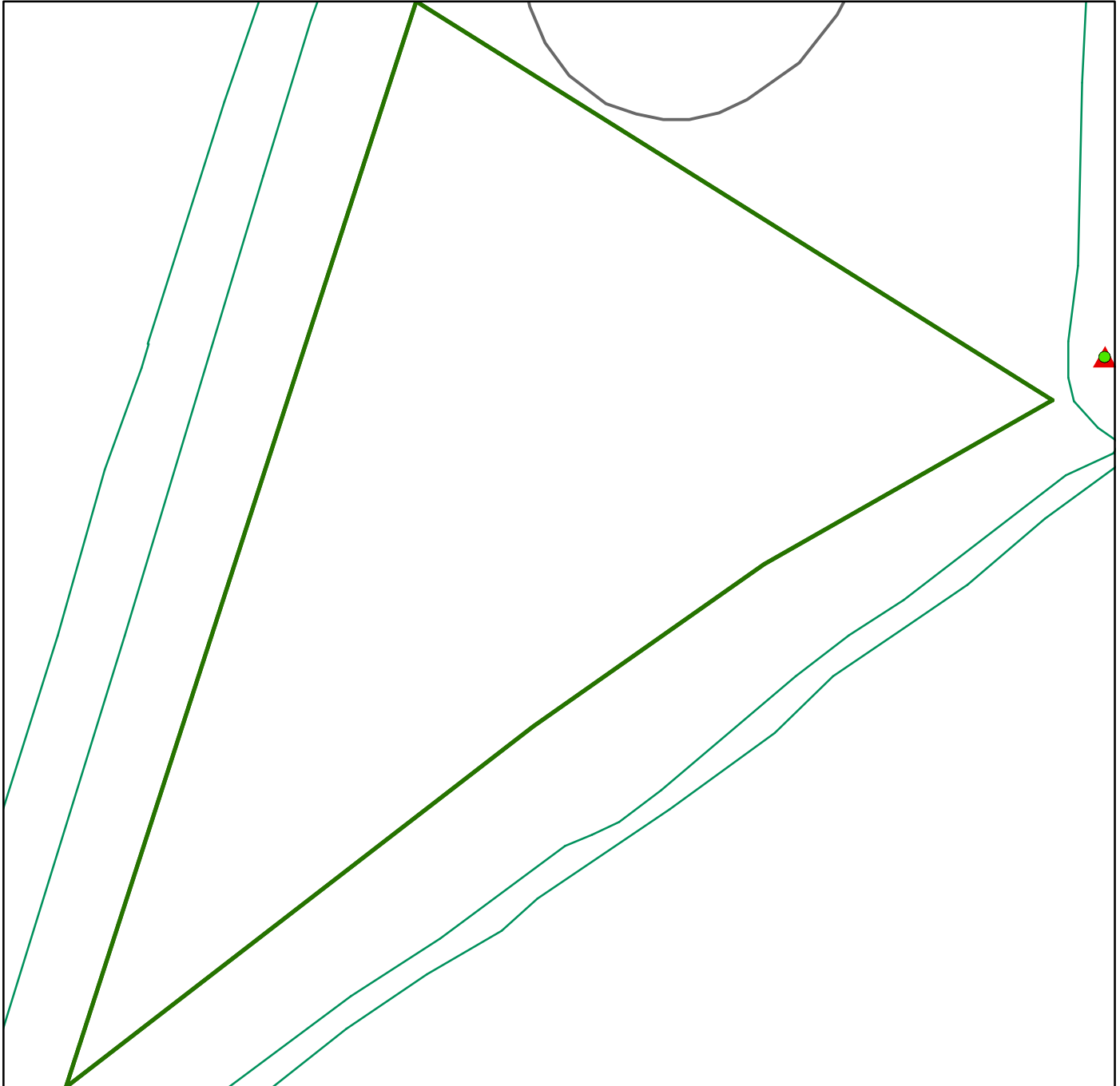- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40
Feet

Thorium-230

SWMU 204

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 15 30 60 90 120
Feet

Thorium-230

SWMU 211

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
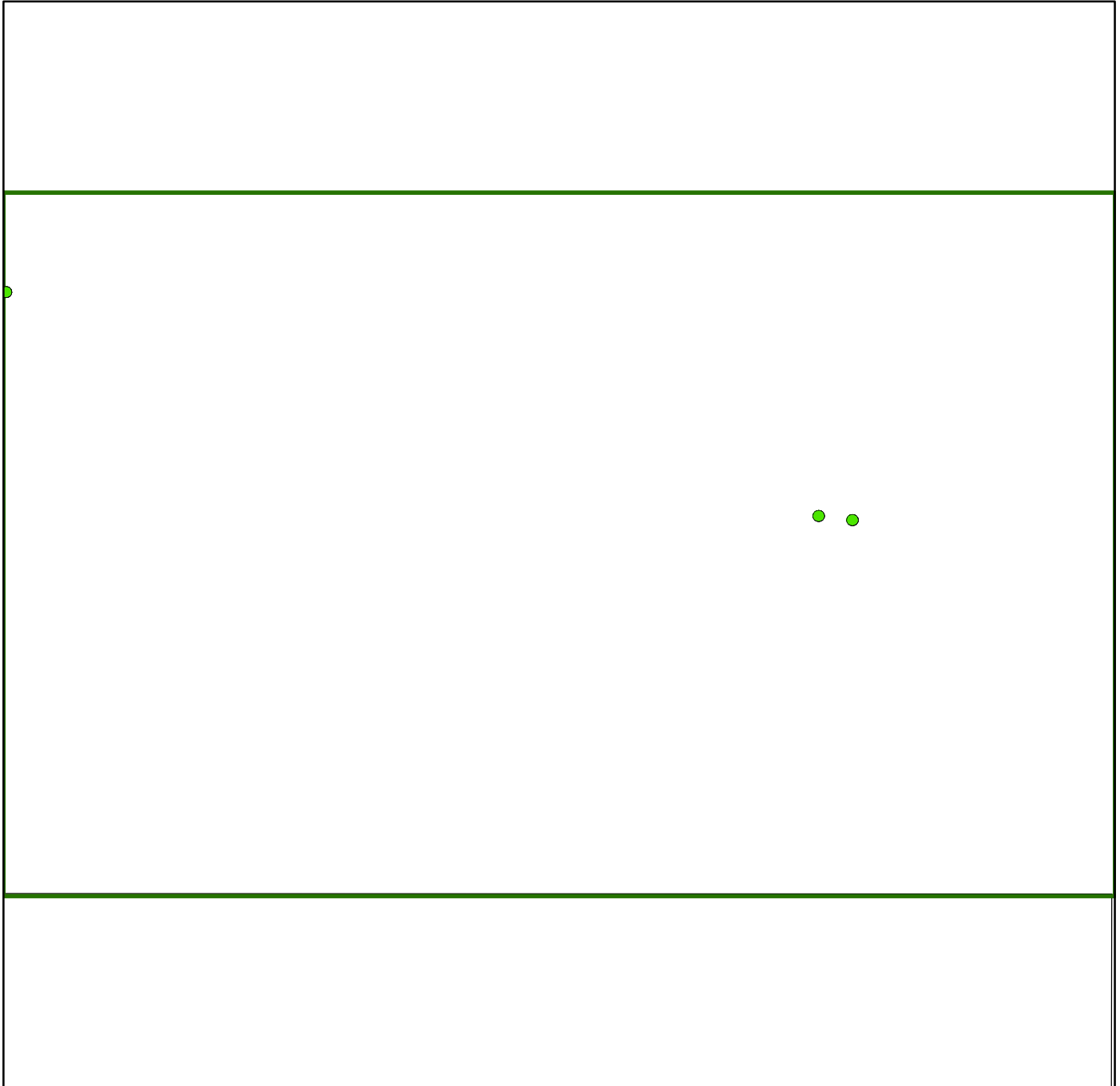- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

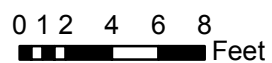01.53   6   9   12
Feet

Thorium-230
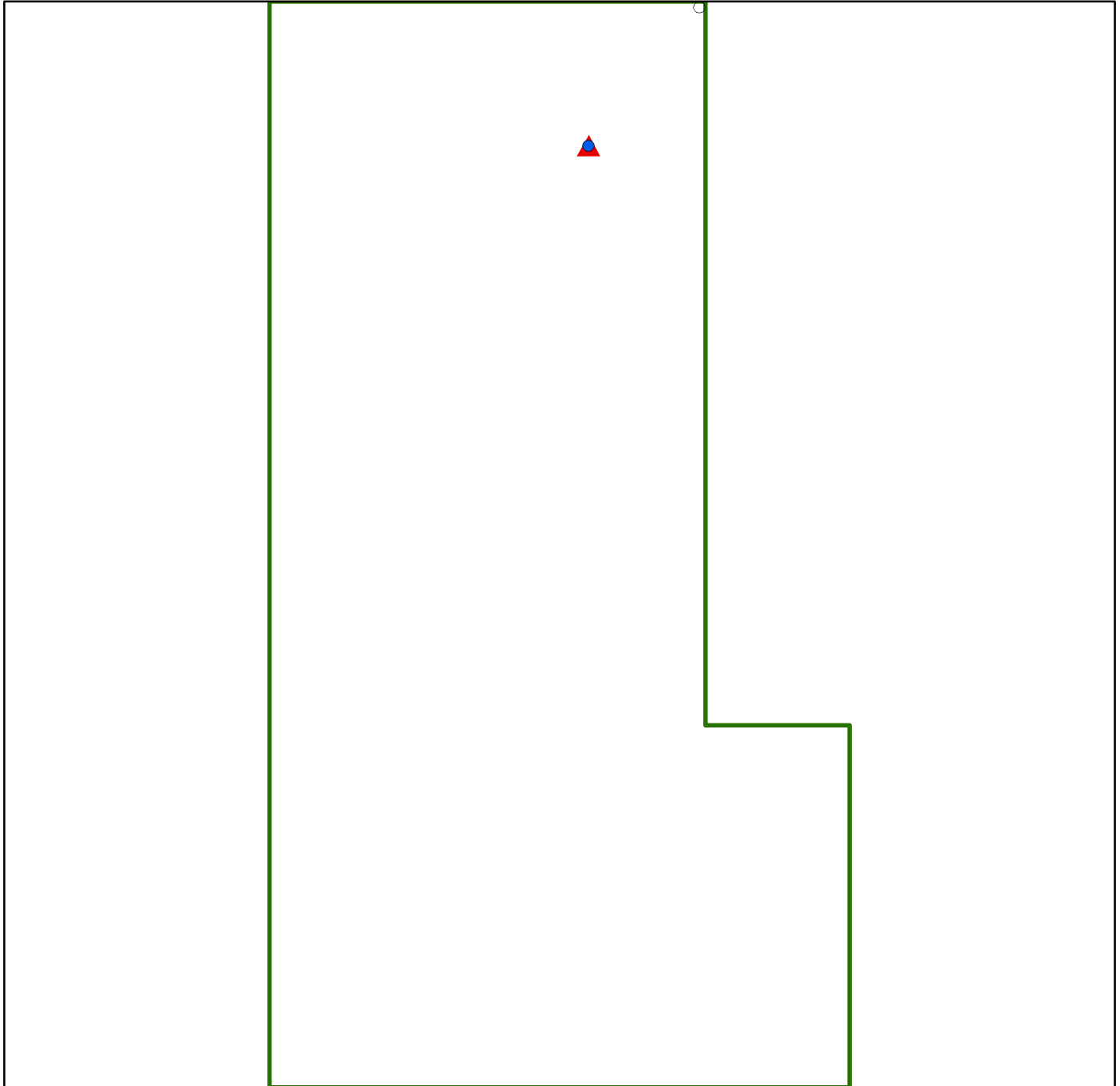
SWMU 212

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.25 2.5 5 7.5 10
Feet

Thorium-230

SWMU 213

0 2 4   8   12 16
Feet

Thorium-230

SWMU 214

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
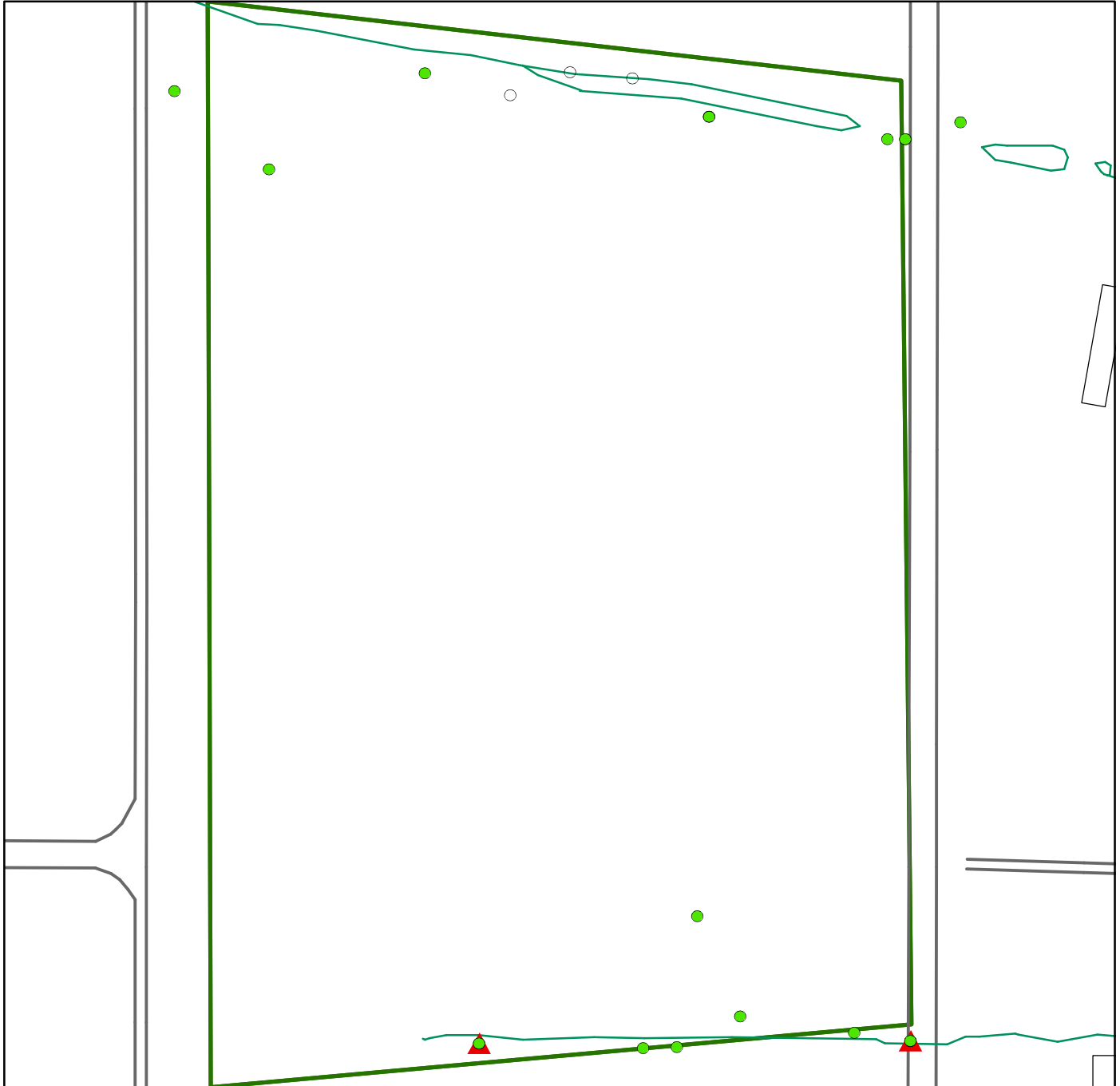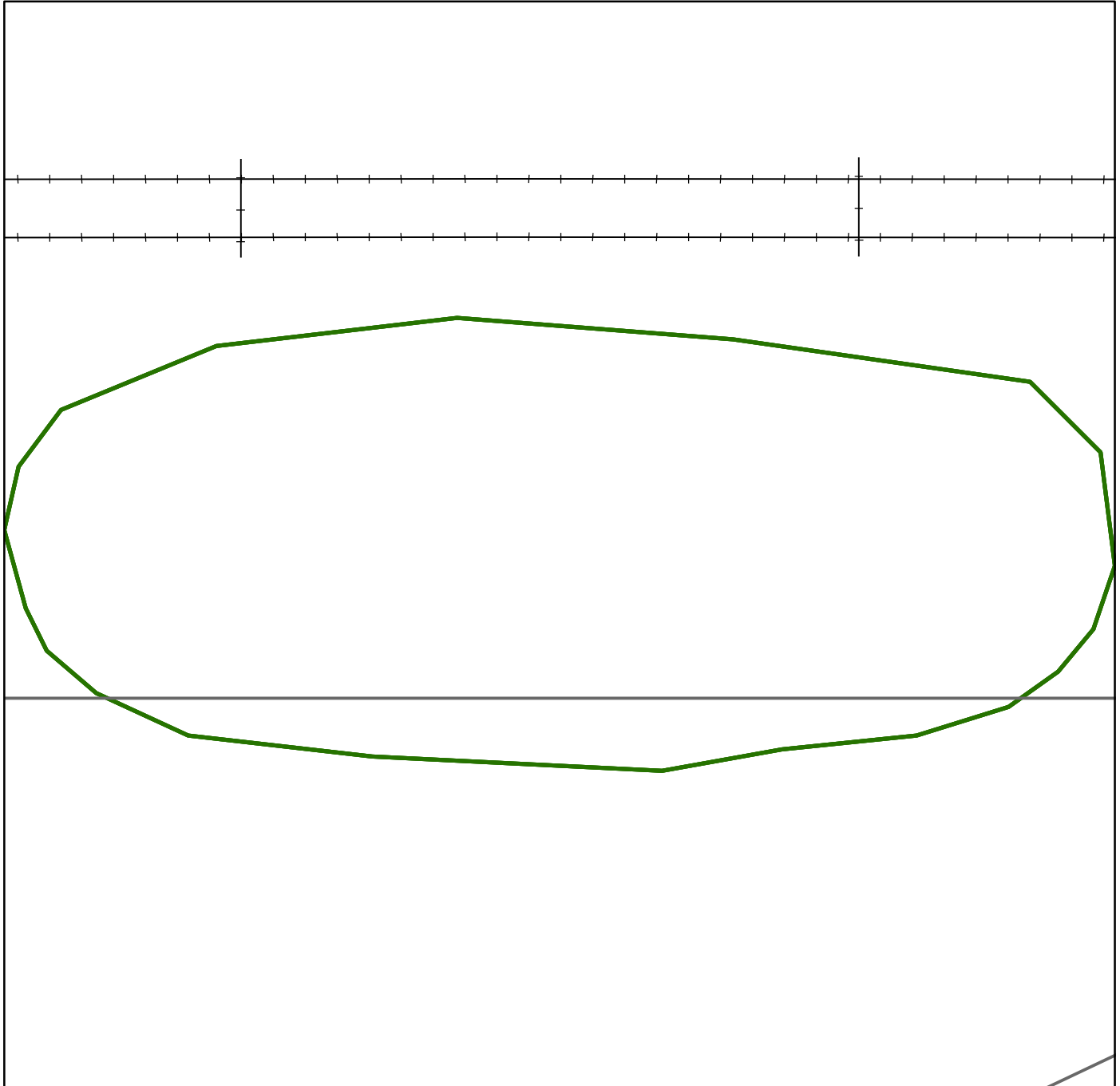- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

00.51 2 3 4
Feet

Thorium-230

SWMU 215

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
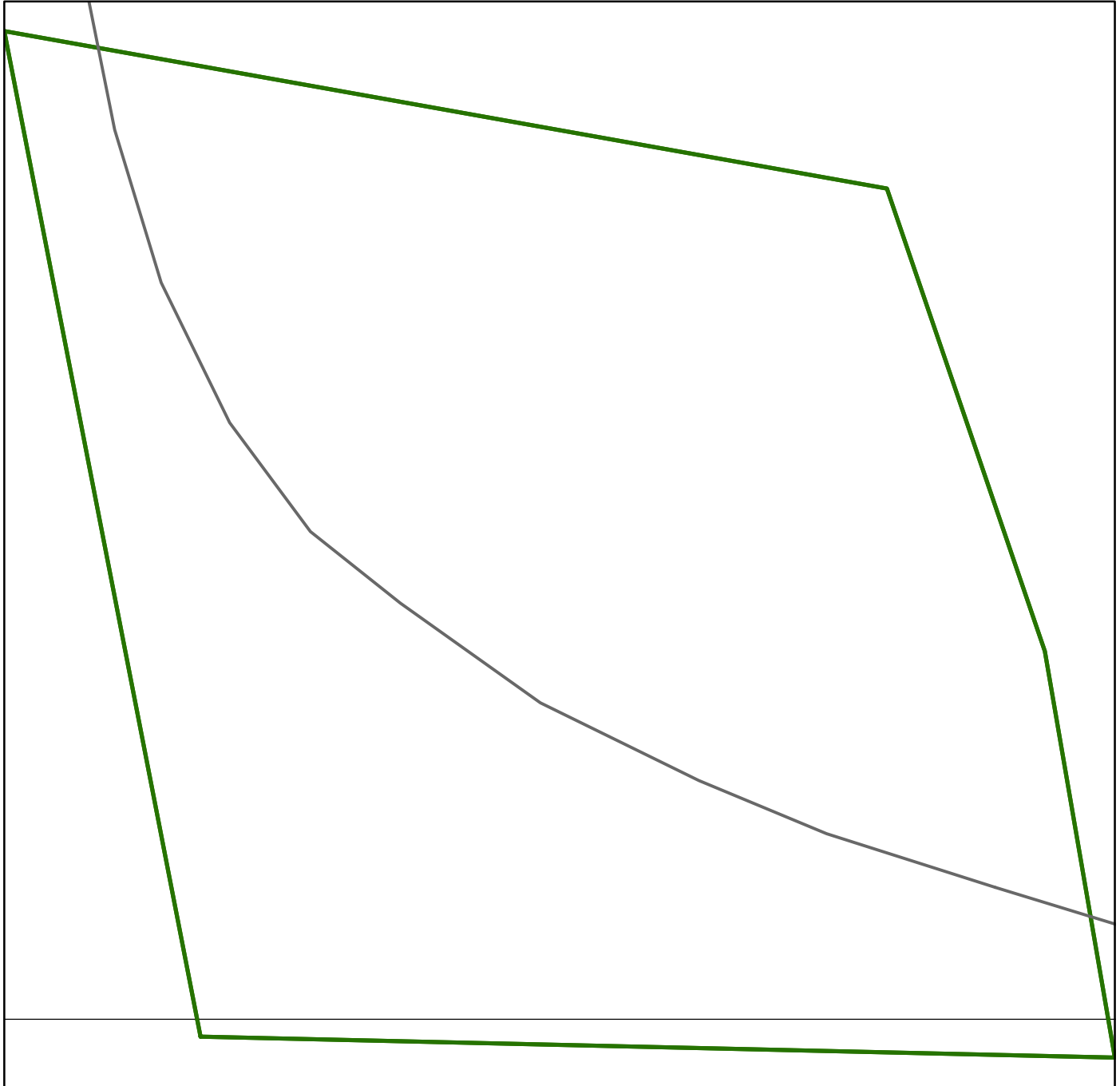- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.5 1 2 3 4
Feet

Thorium-230

SWMU 216

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
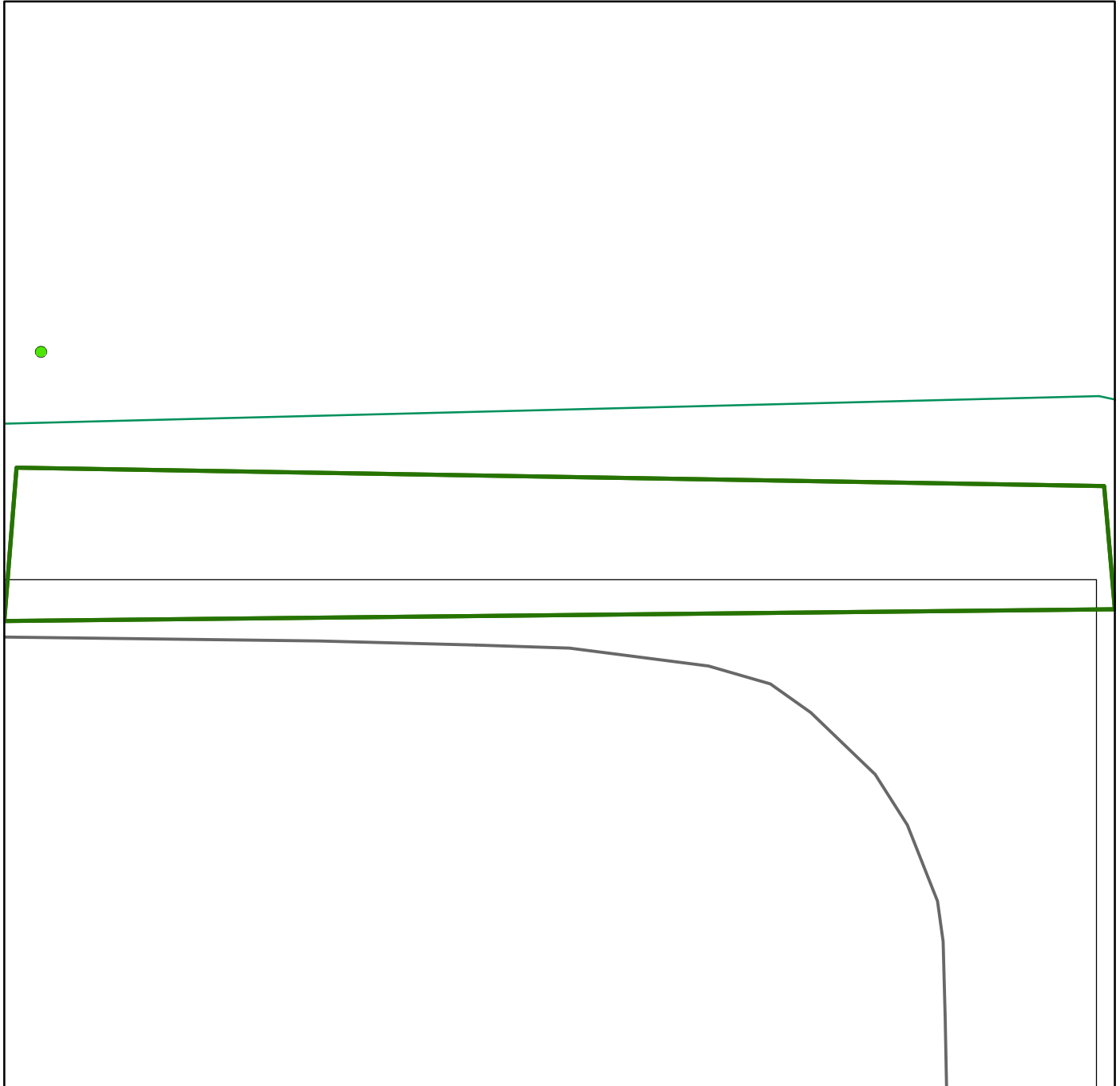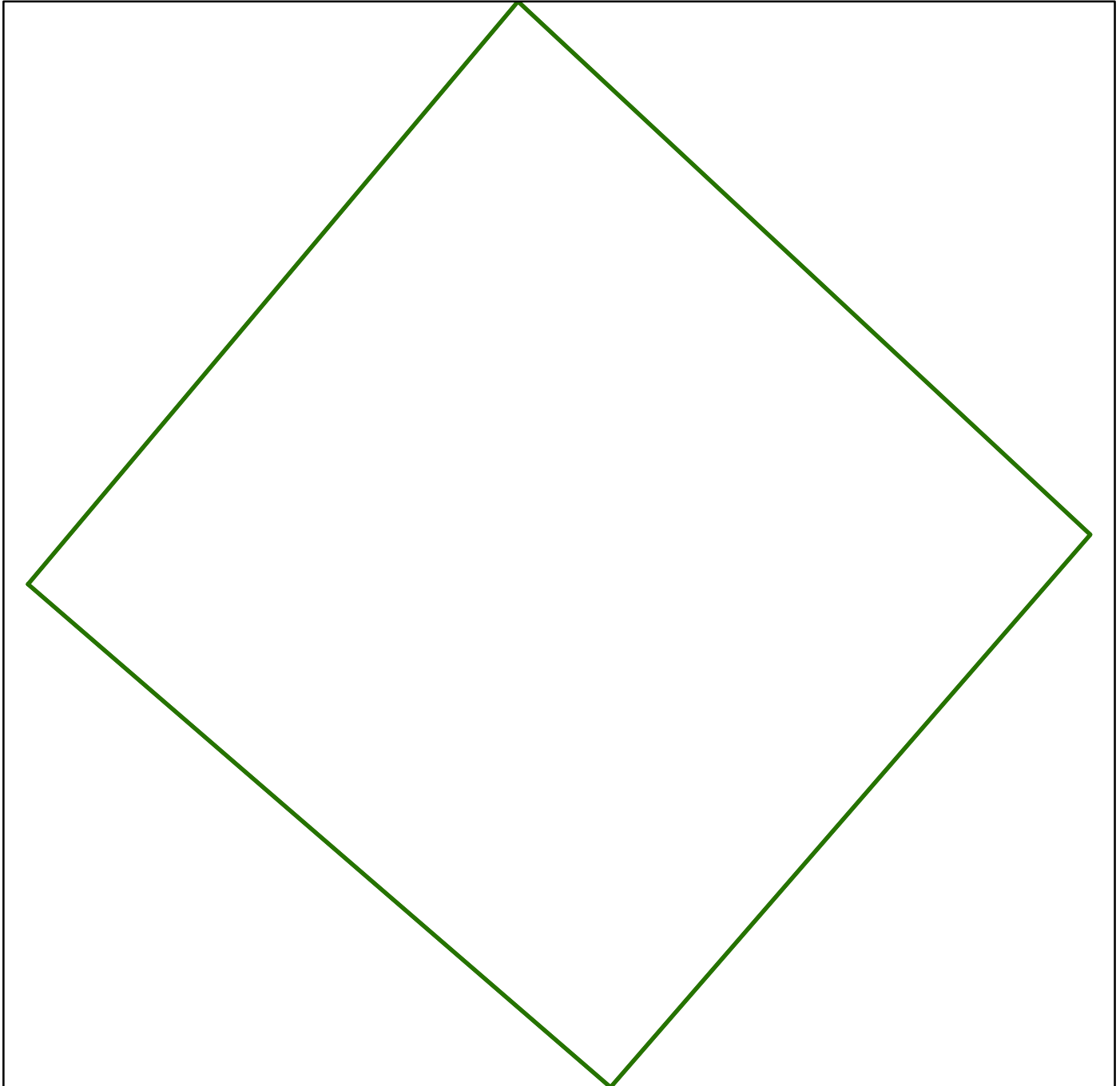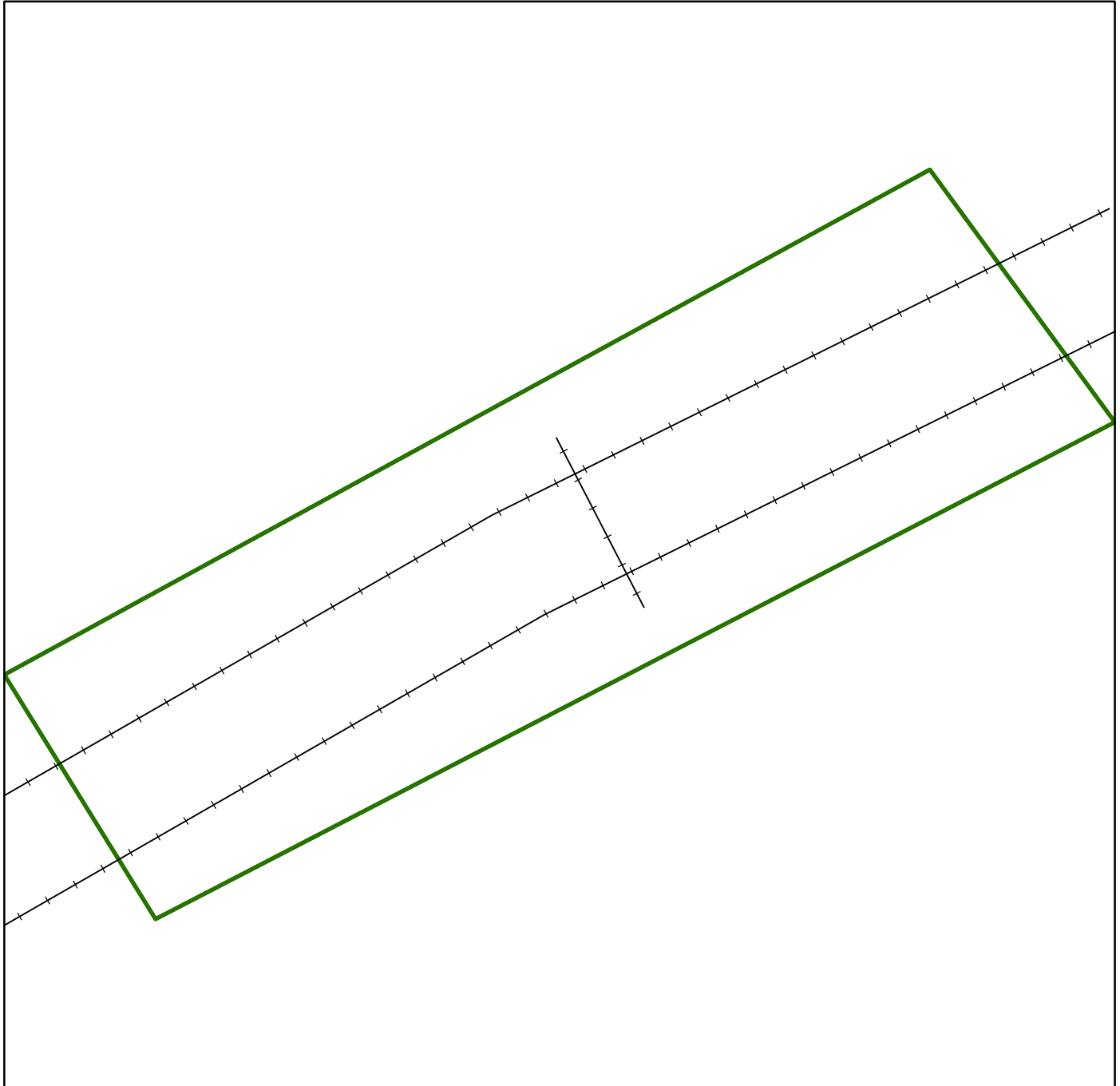- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.5 2 3 4 Feet

Thorium-230

SWMU 217

Legend

- **●** (purple) DETECT GREATER THAN ACTION LEVEL
- **●** (blue) DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- **●** (green) DETECT LESS THAN NO ACTION LEVEL
- **▲** (red) DETECT GREATER THAN BACKGROUND
- **○** NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 4.5 9 18 27 36
Feet

Thorium-230

SWMU 218

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 3 6 9 12
0.5
Feet

Thorium-230

SWMU 219

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
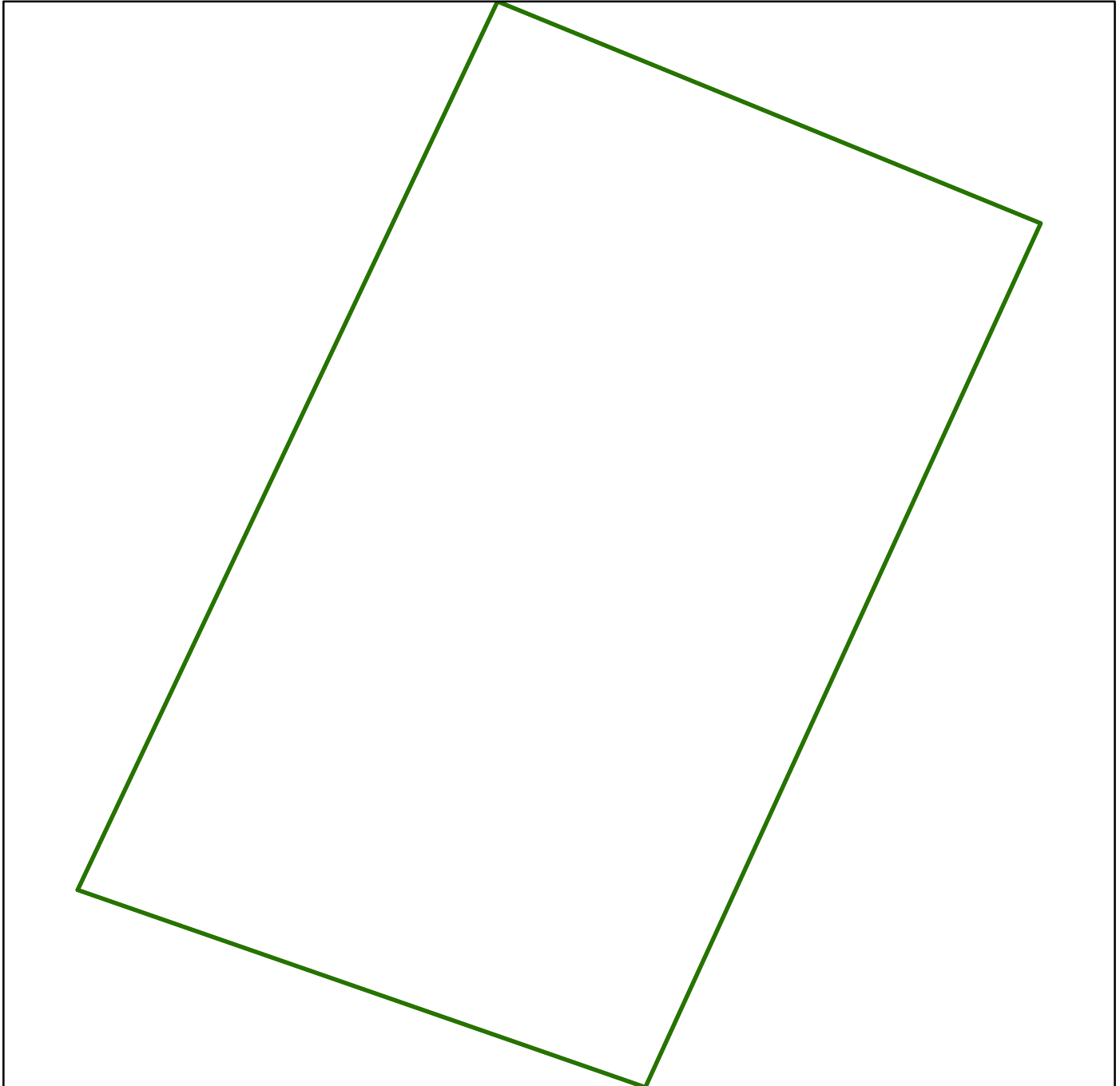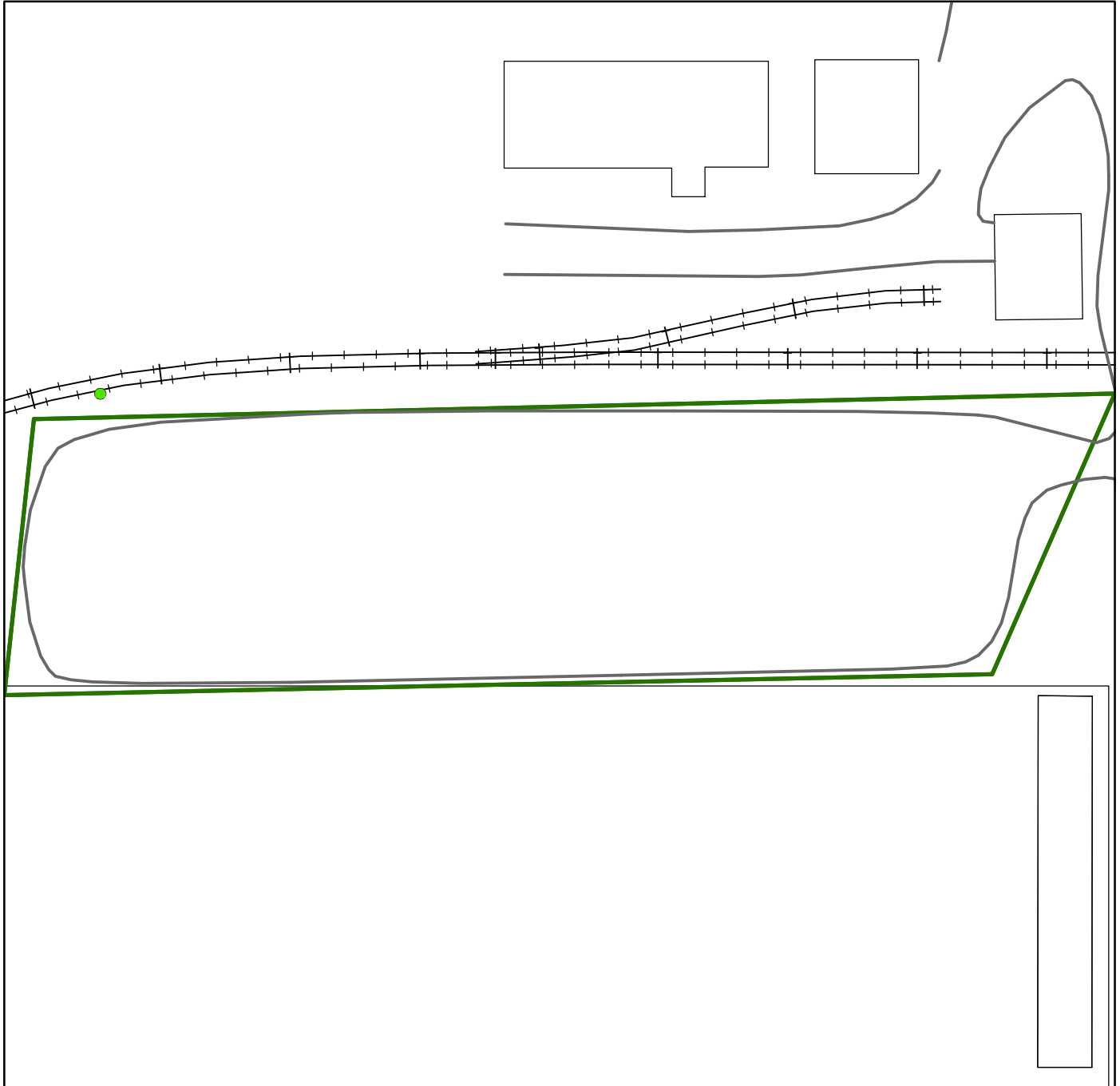- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.5 2 3 4 Feet

Thorium-230

SWMU 220

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
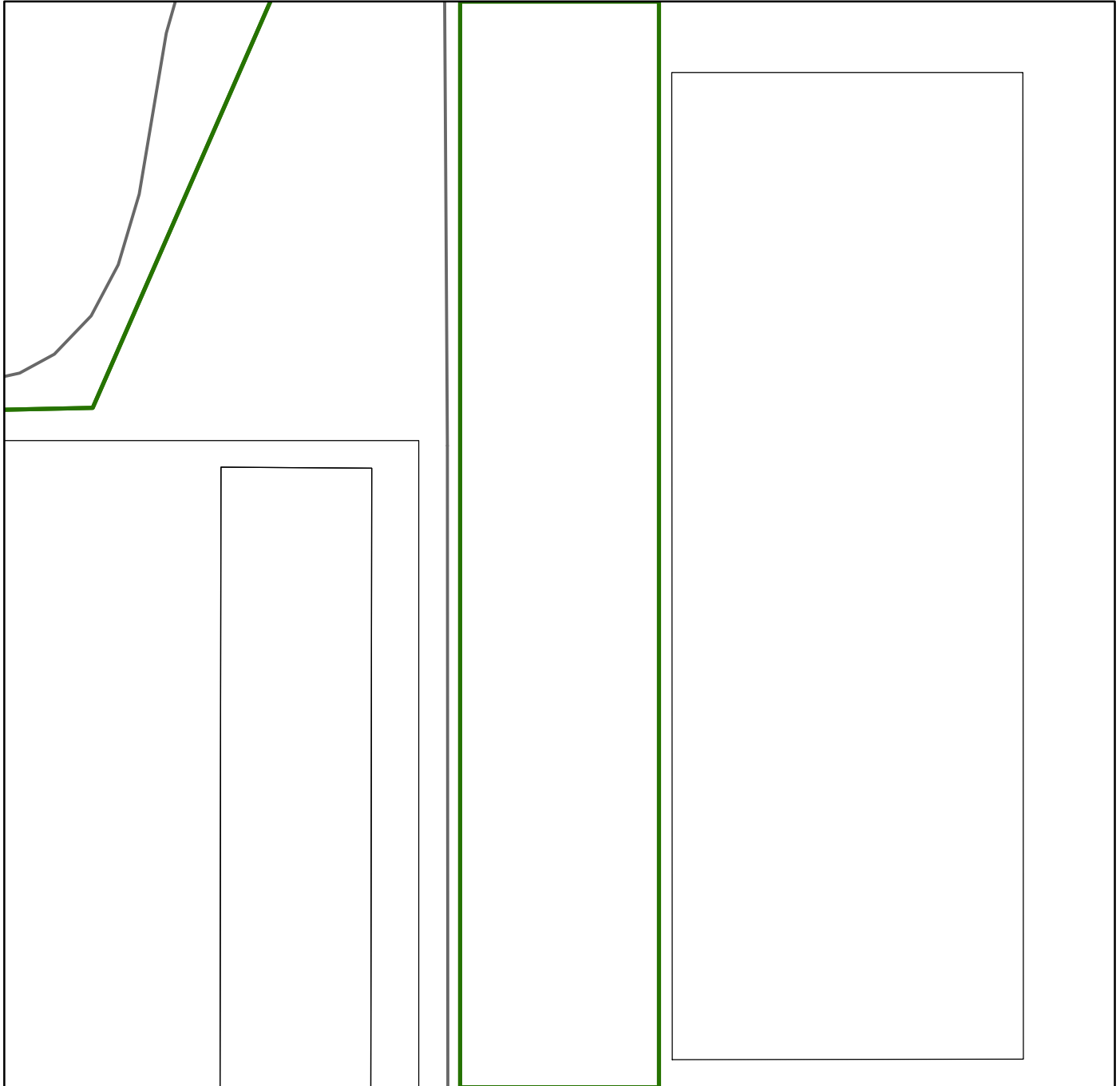- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.

0 4.5 9.2 7 3.6 Feet

Thorium-230

SWMU 221

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
       LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
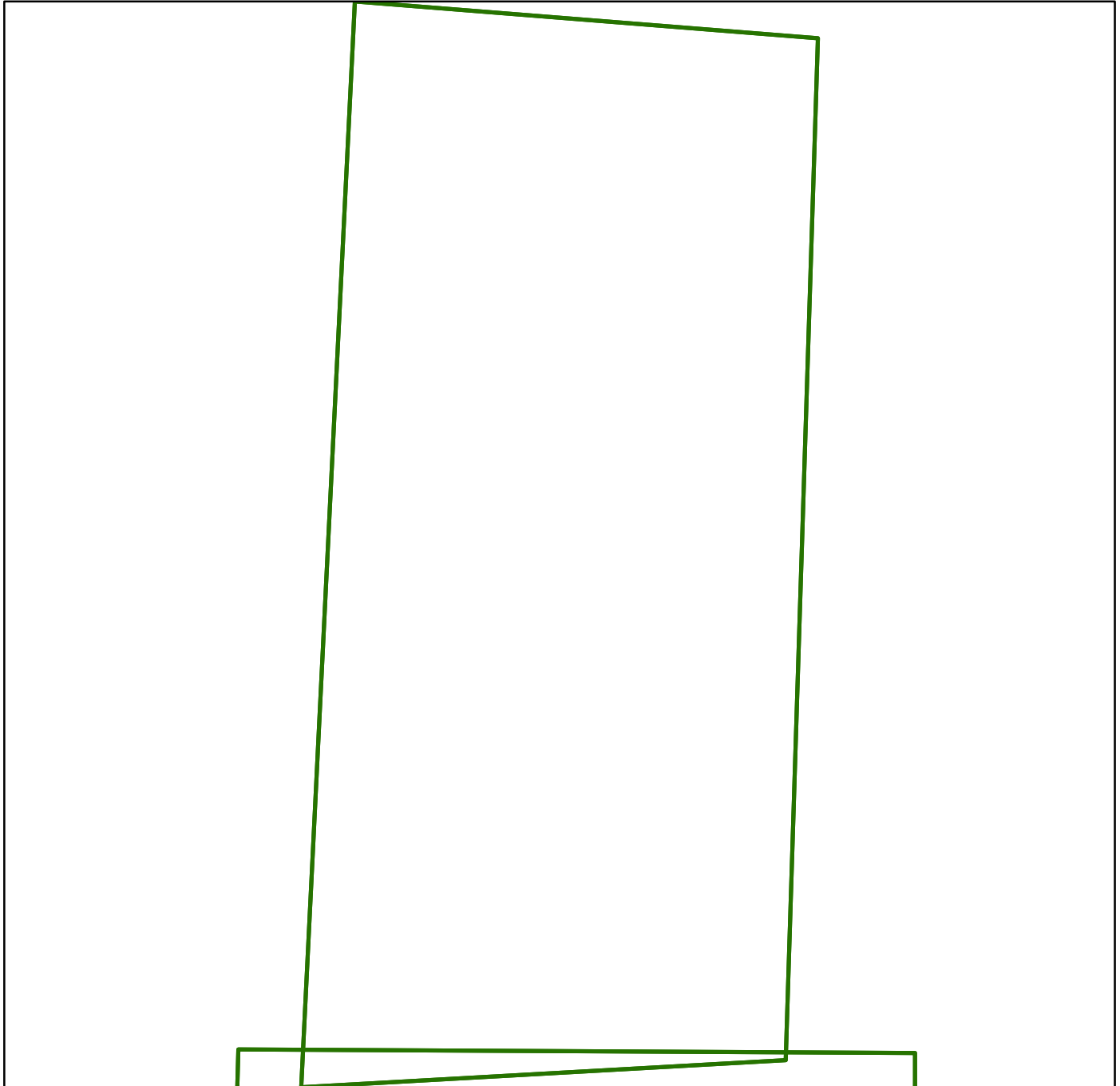- 🔺 DETECT GREATER THAN BACKGROUND
- ⭕ NONDETECT

**Risk-based action and no action levels taken from
   DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

012 4 6 8
Feet

Thorium-230

SWMU 222

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
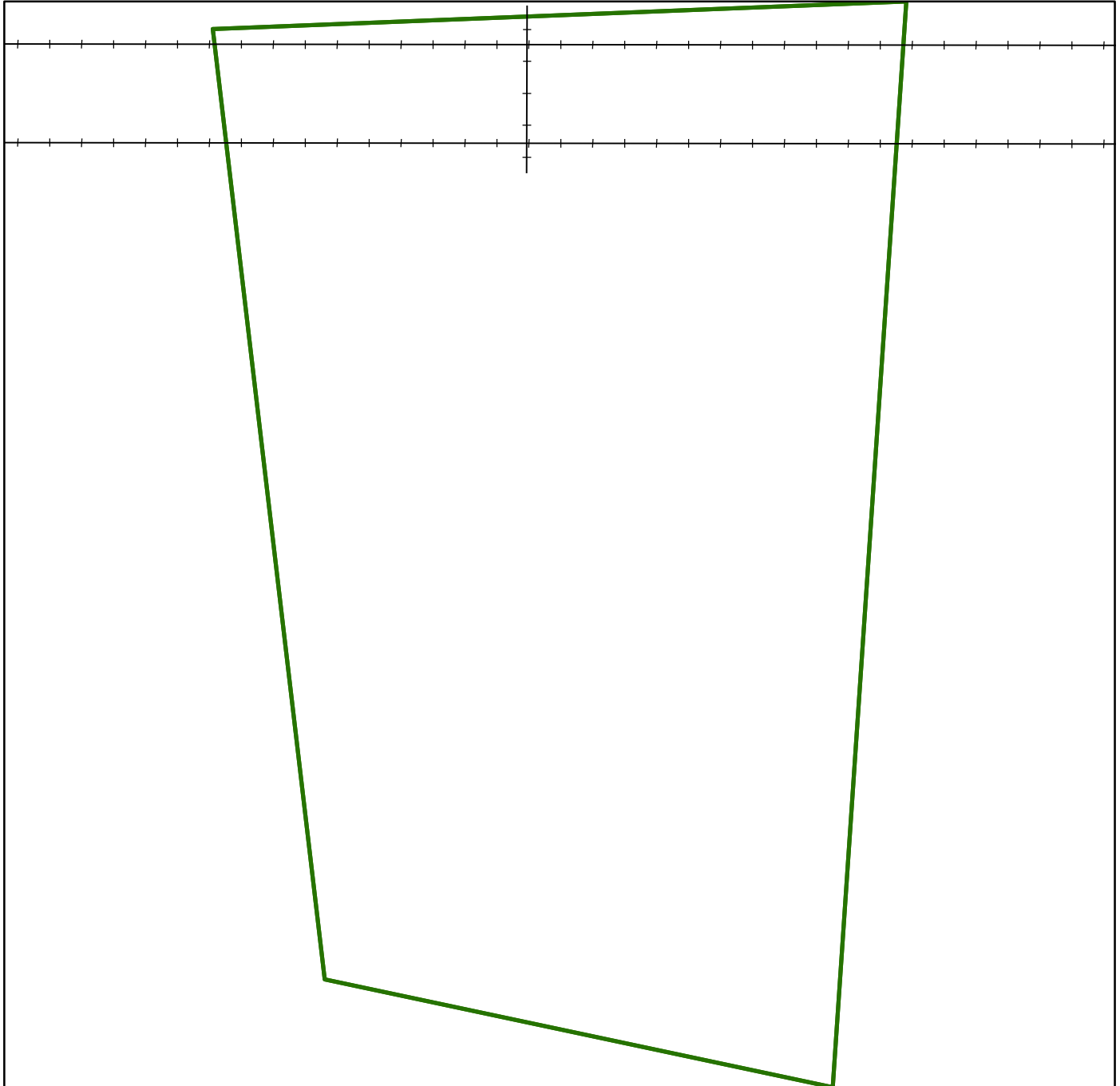- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0.9151.8.273.6

Feet

Thorium-230

SWMU 223

0 4.5 9 18 27 36 Feet

Thorium-230

SWMU 224

Legend

🟣 DETECT GREATER THAN ACTION LEVEL

🔵 DETECT GREATER THAN NO ACTION LEVEL
LESS THAN ACTION LEVEL

🟢 DETECT LESS THAN NO ACTION LEVEL
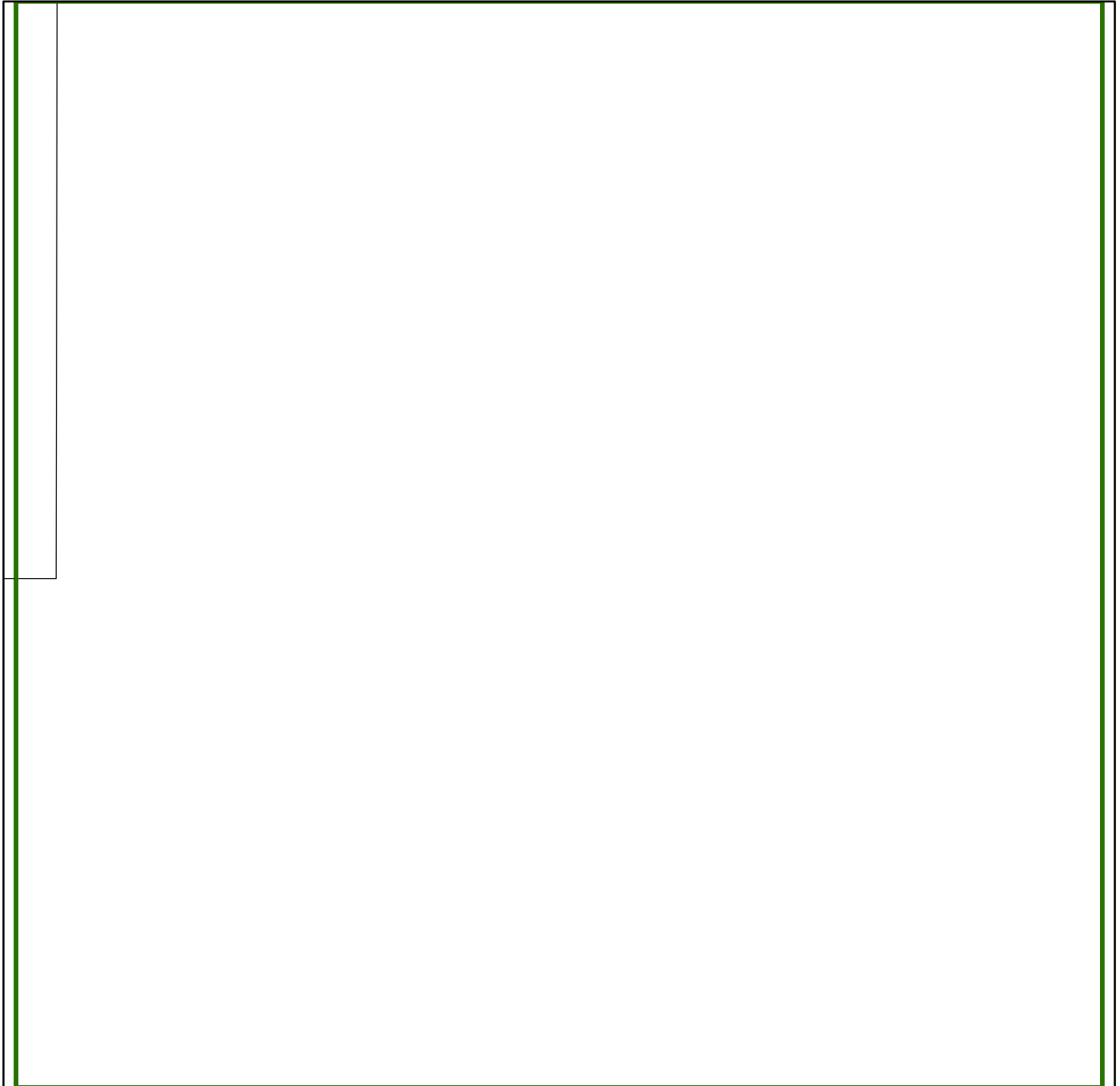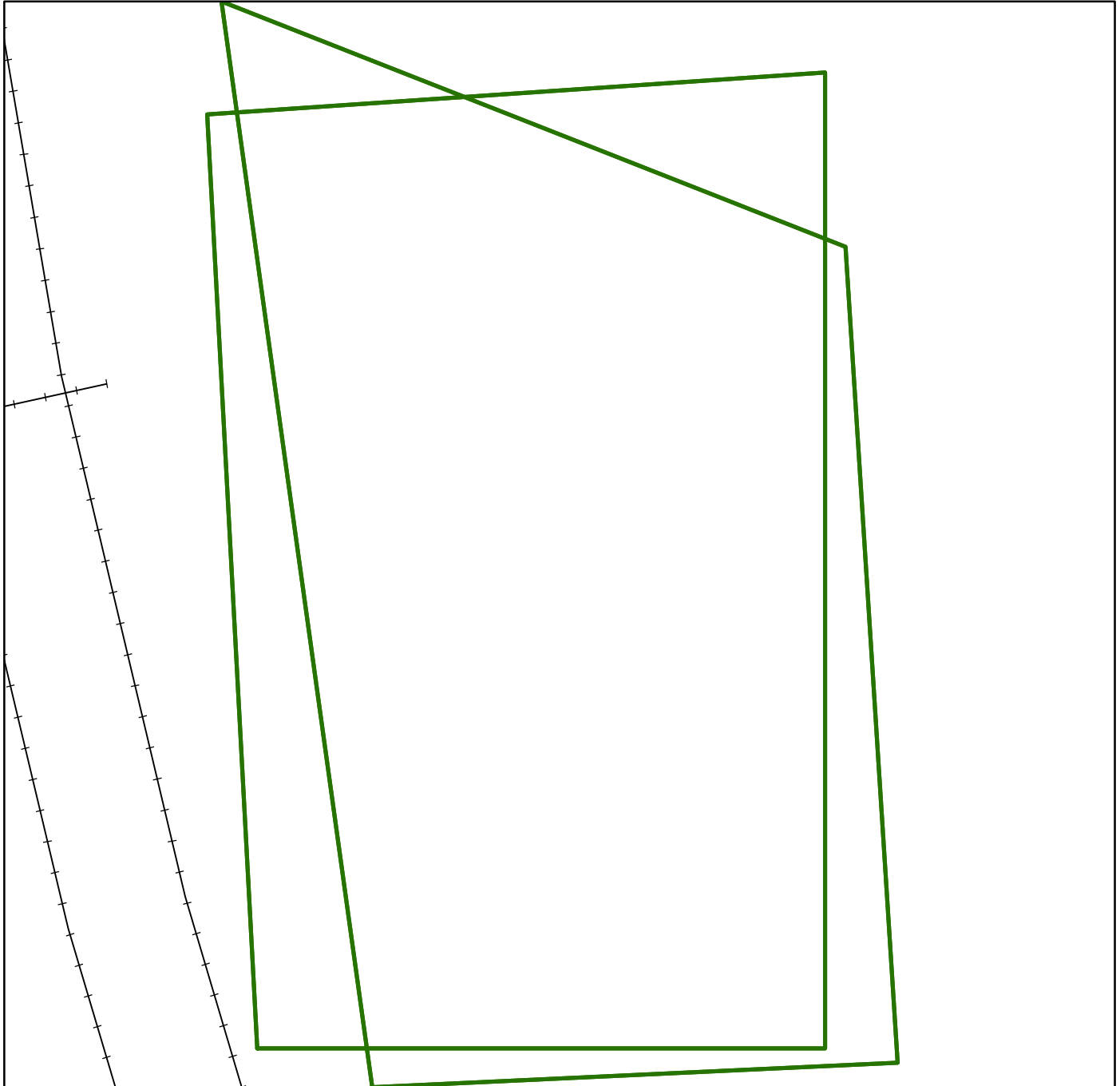
🔺 DETECT GREATER THAN BACKGROUND

⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 1.5 3 6 9 12
Feet

Thorium-230

SWMU 225

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
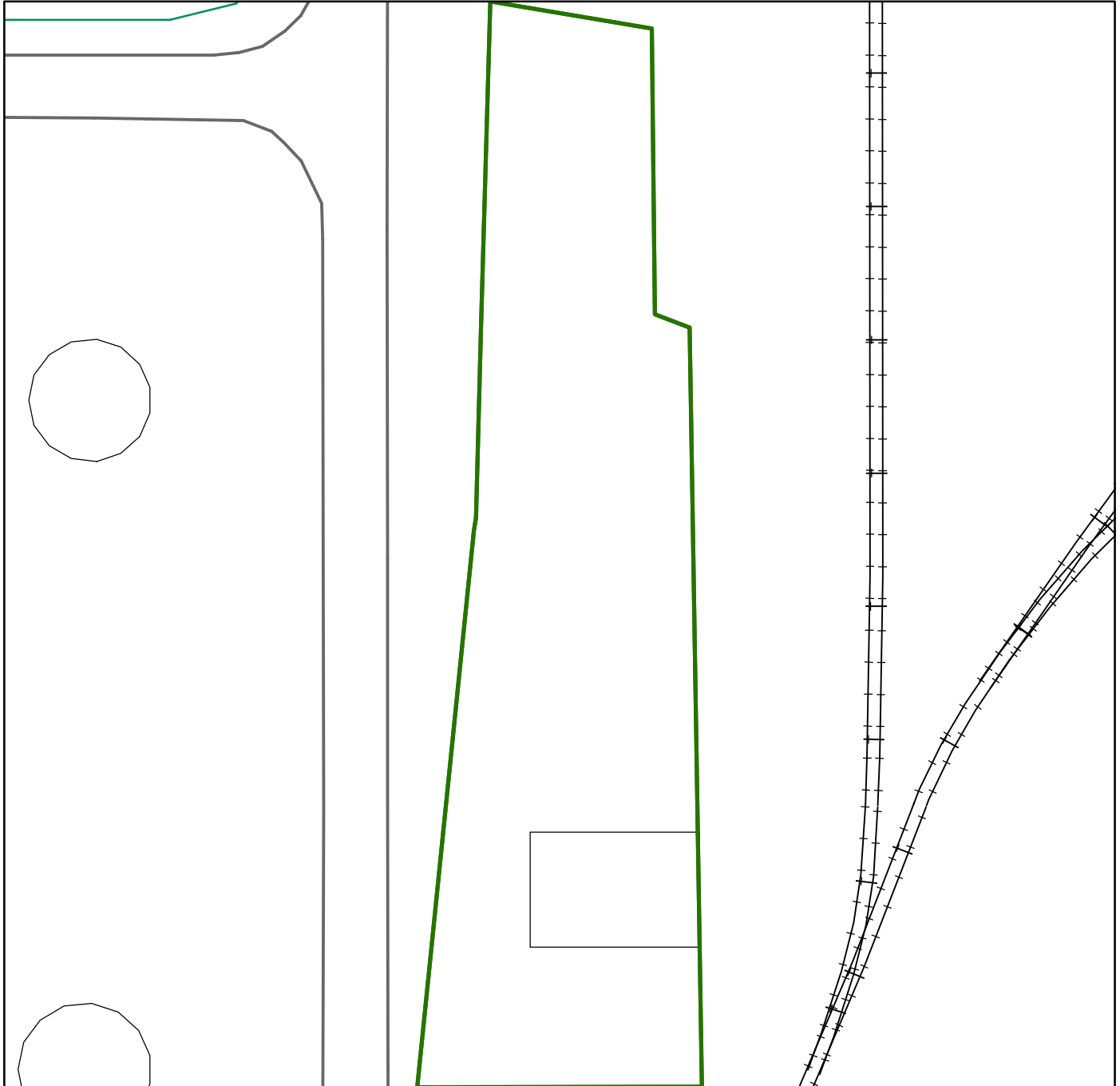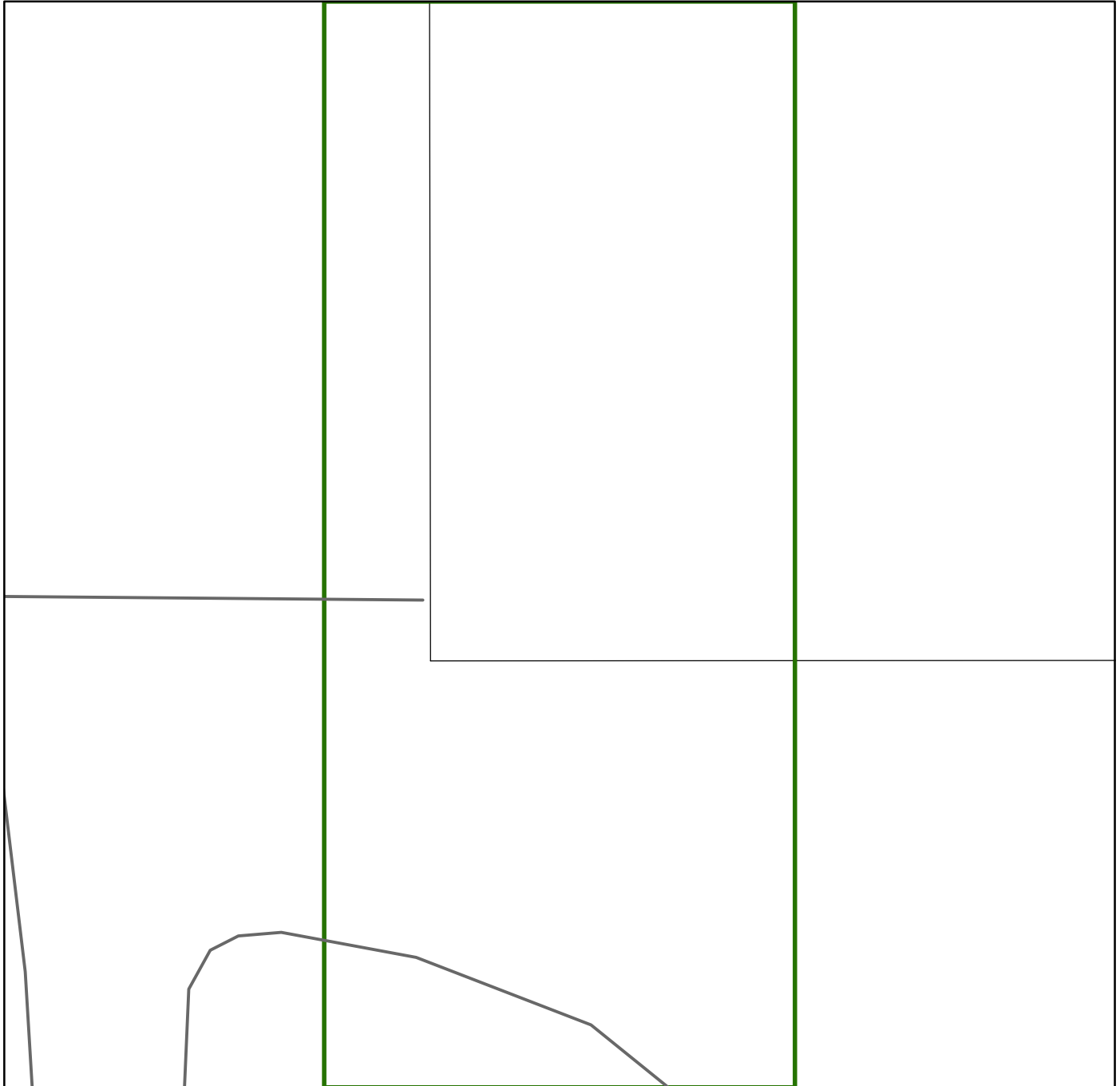- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 3.5 7 14 21 28 Feet

Thorium-230

SWMU 226

Legend

- ● (purple) DETECT GREATER THAN ACTION LEVEL
- ● (blue) DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- ● (green) DETECT LESS THAN NO ACTION LEVEL
- ▲ (red) DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 5 10 20 30 40 Feet

Thorium-230

SWMU 227

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
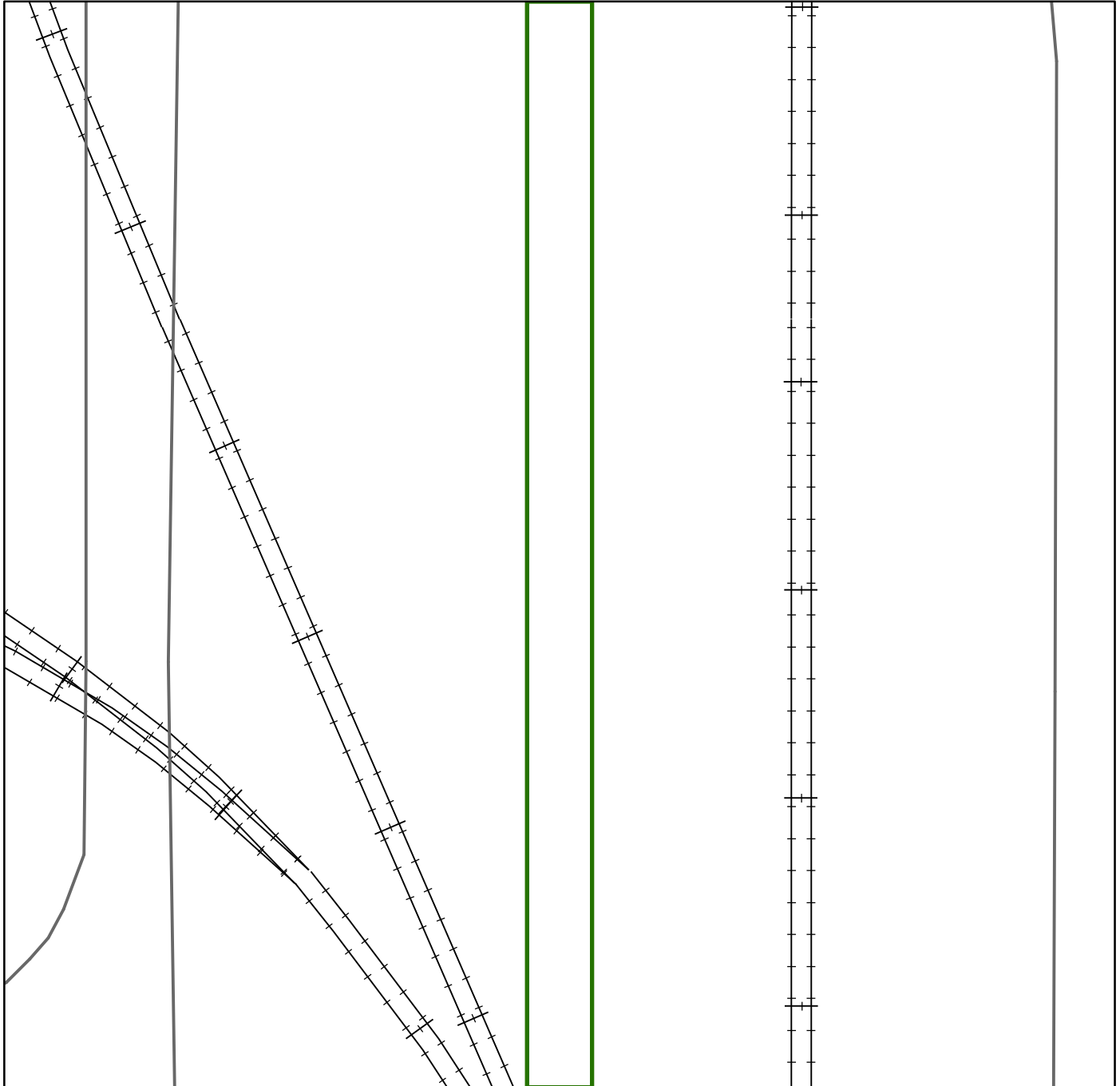- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 10 20 40 60 80 Feet

Thorium-230

SWMU 228

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
     LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
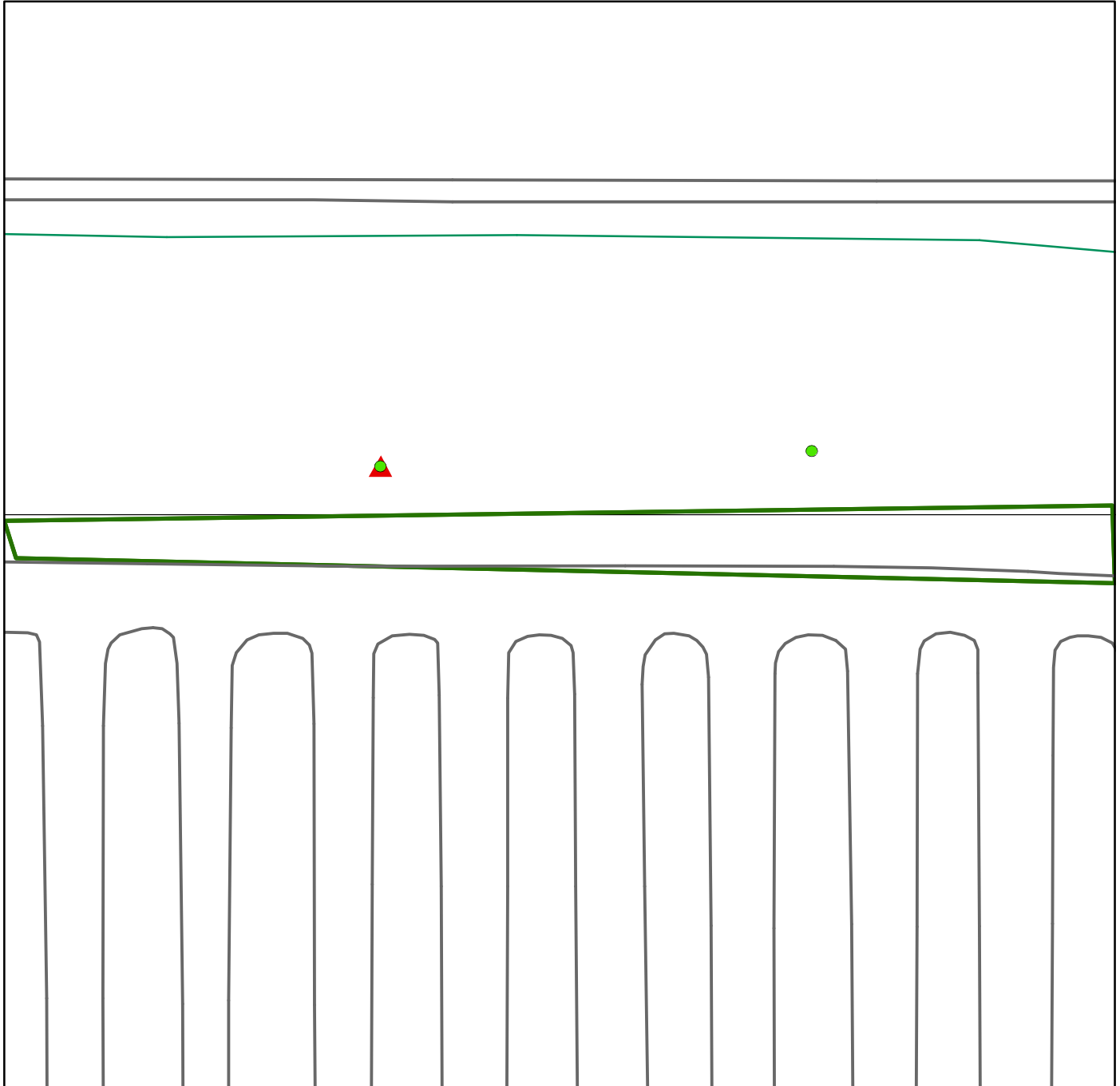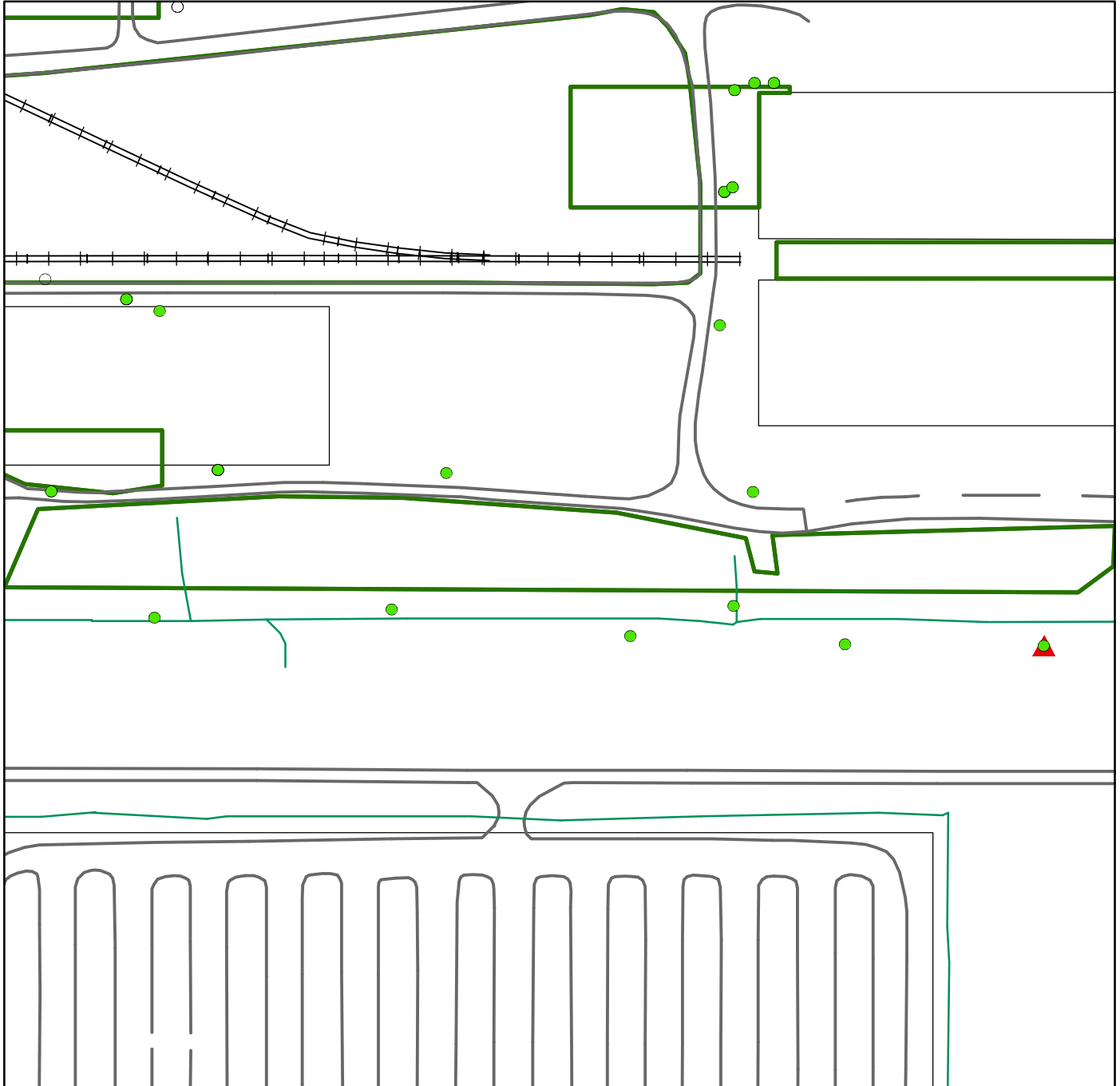- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

024 8 1216
Feet

Thorium-230

SWMU 229

Legend

- DETECT GREATER THAN ACTION LEVEL
- DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- DETECT LESS THAN NO ACTION LEVEL
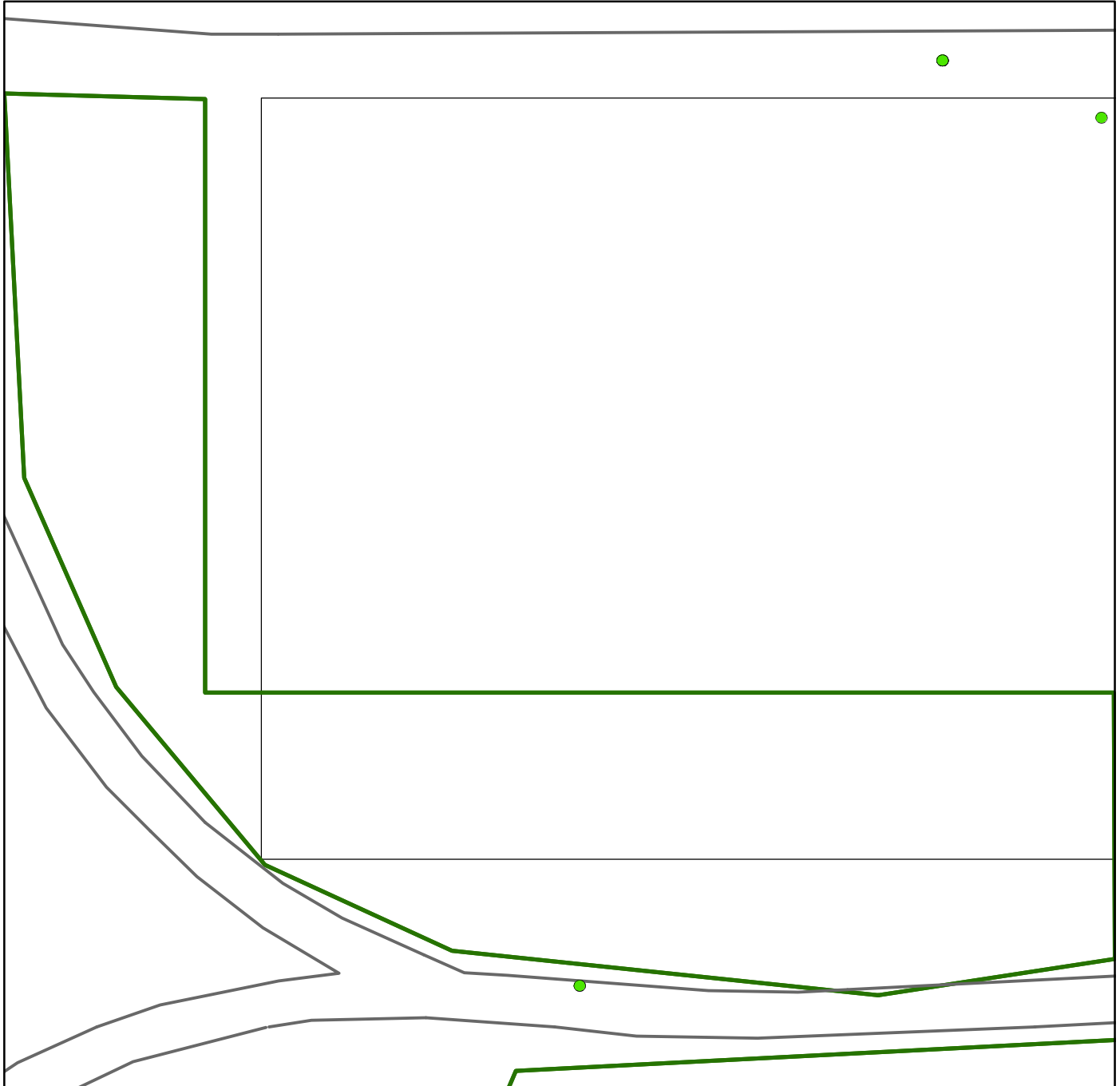- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40
Feet

Thorium-230

SWMU 483

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
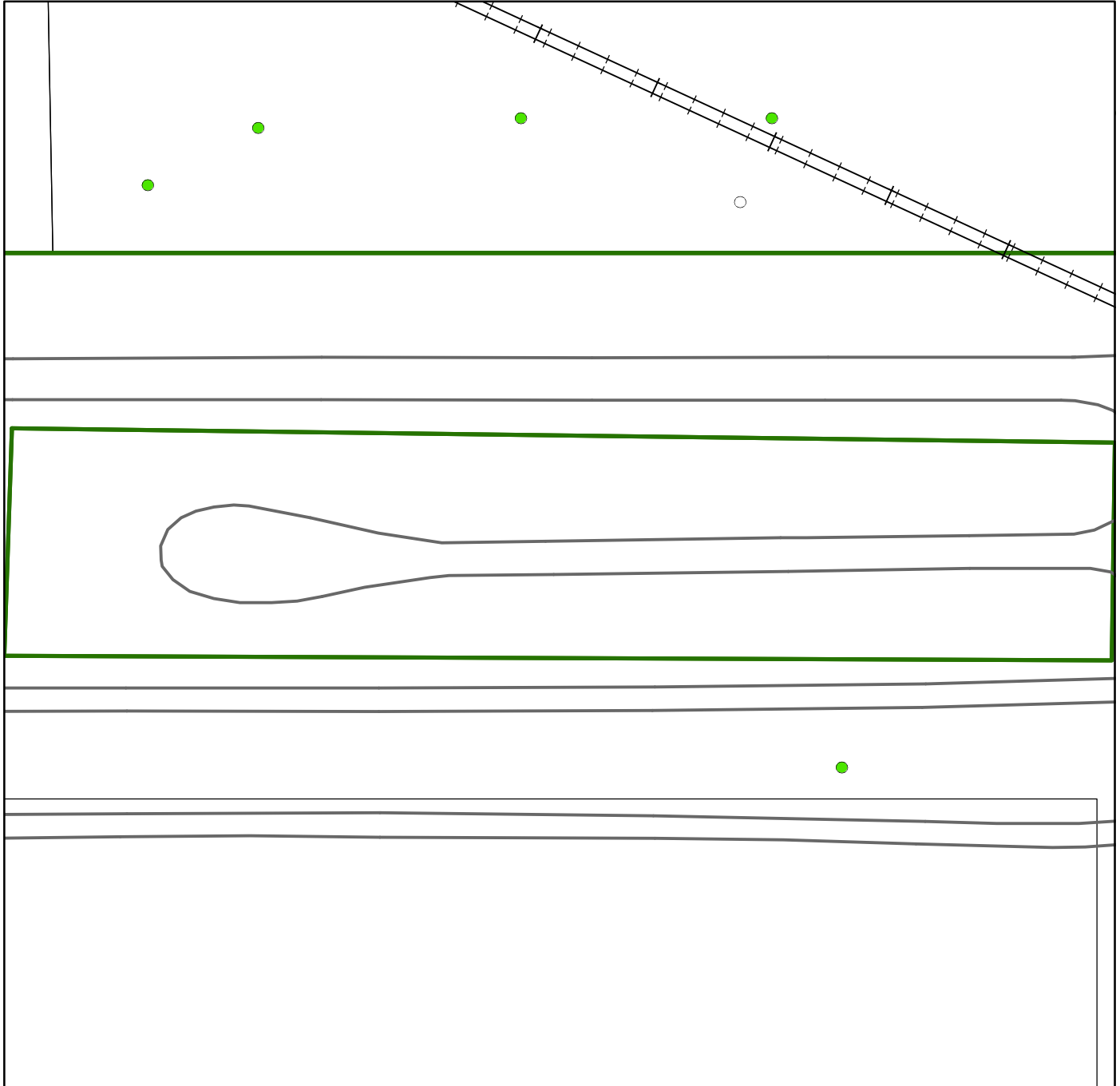- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

036 121824
Feet

Thorium-230

SWMU 488

N
20°
N
TRUE PLANT

0 0.2 0.4 0.6 0.8 Feet

Thorium-230

SWMU 489

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
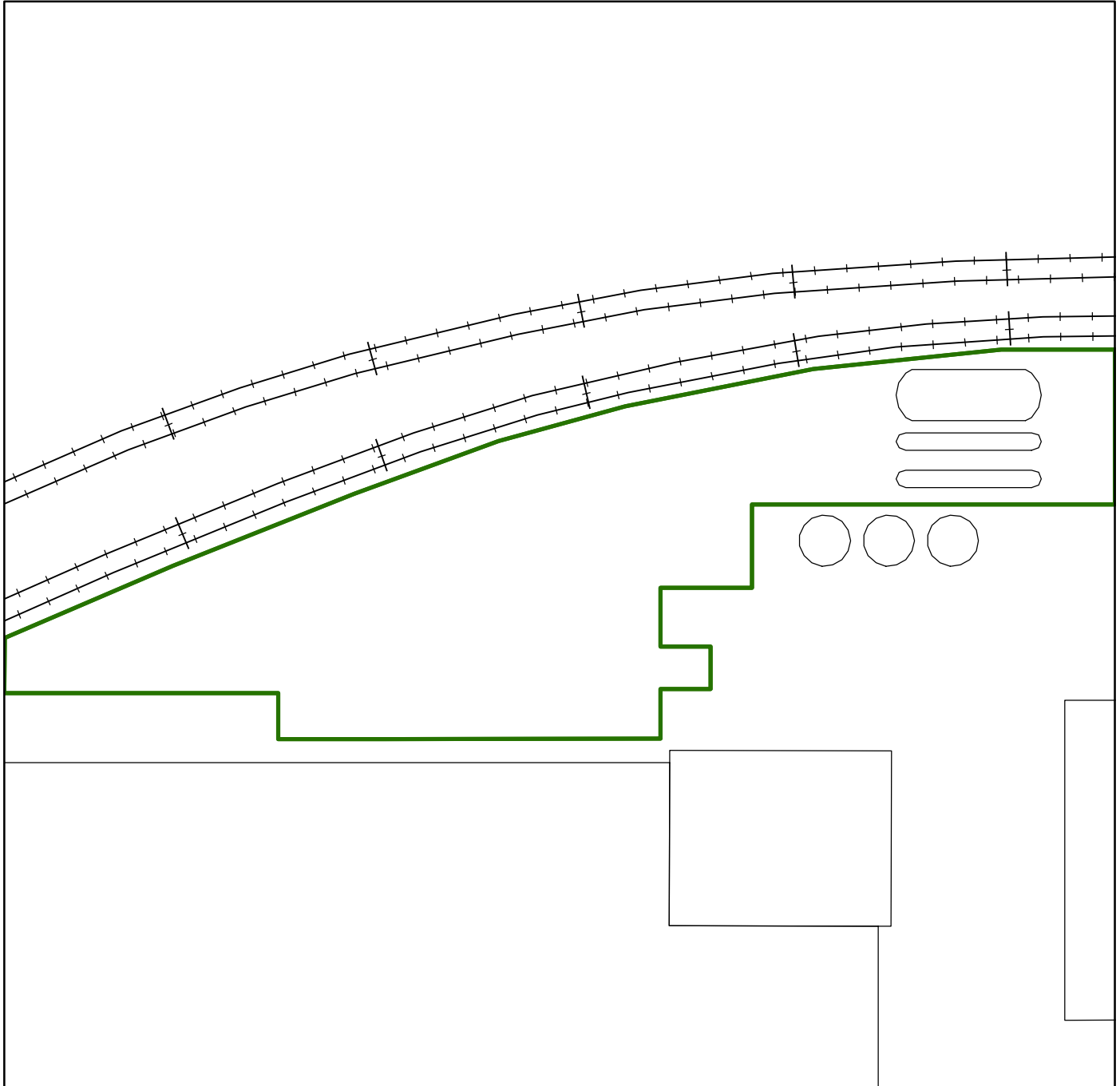- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 0.5 1 2   3   4
Feet

Thorium-230

SWMU 492

Legend

● DETECT GREATER THAN ACTION LEVEL

● DETECT GREATER THAN NO ACTION LEVEL
   LESS THAN ACTION LEVEL

● DETECT LESS THAN NO ACTION LEVEL

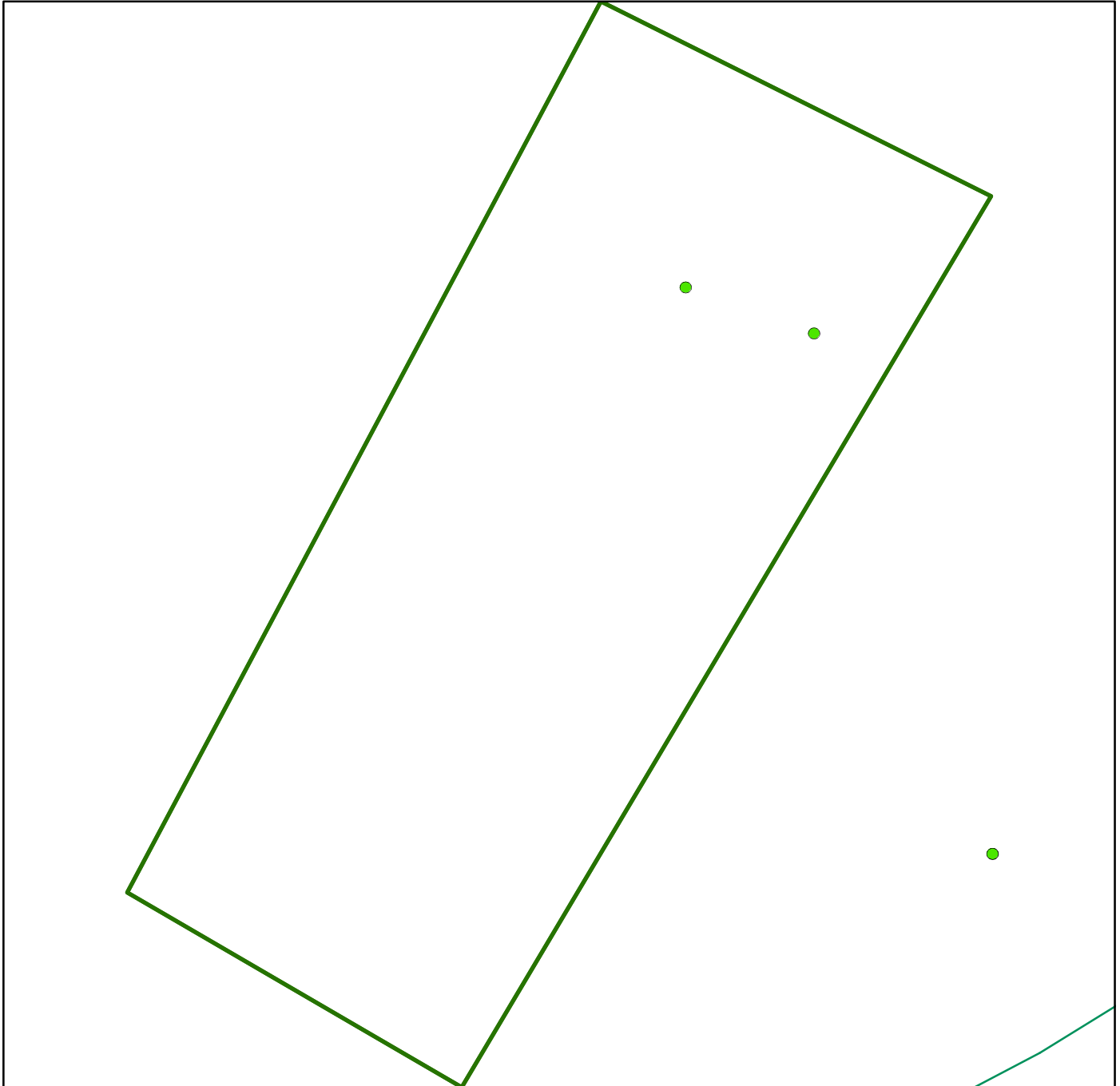▲ DETECT GREATER THAN BACKGROUND

○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 1 2 4 6 8
Feet

Thorium-230

SWMU 493

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 1 2 4 6 8
◼◼◻◼◻◼◻◼◻ Feet

Thorium-230

SWMU 517

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
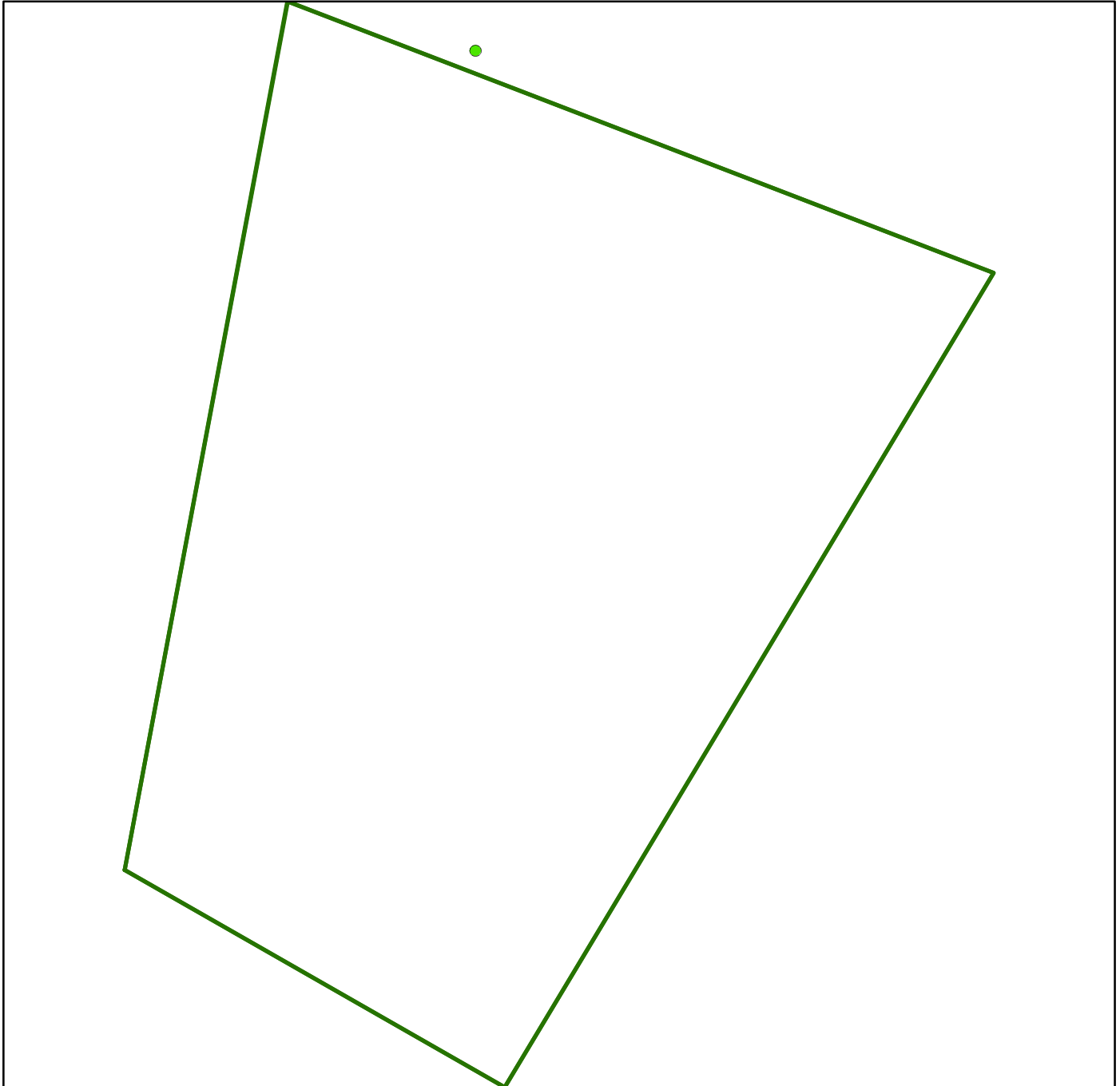- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.
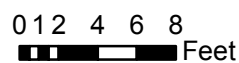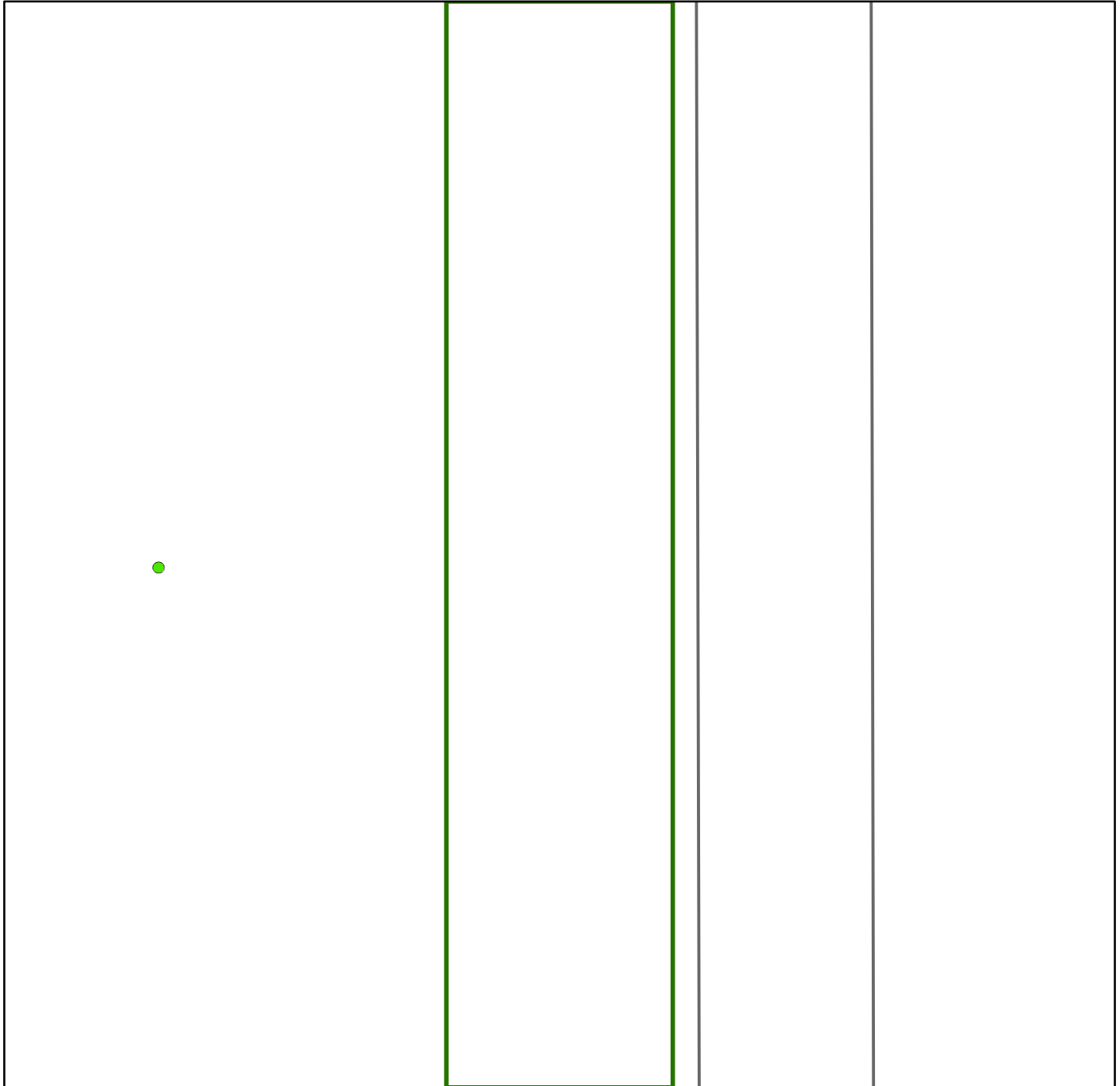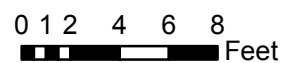
0 1 2   4   6   8 Feet

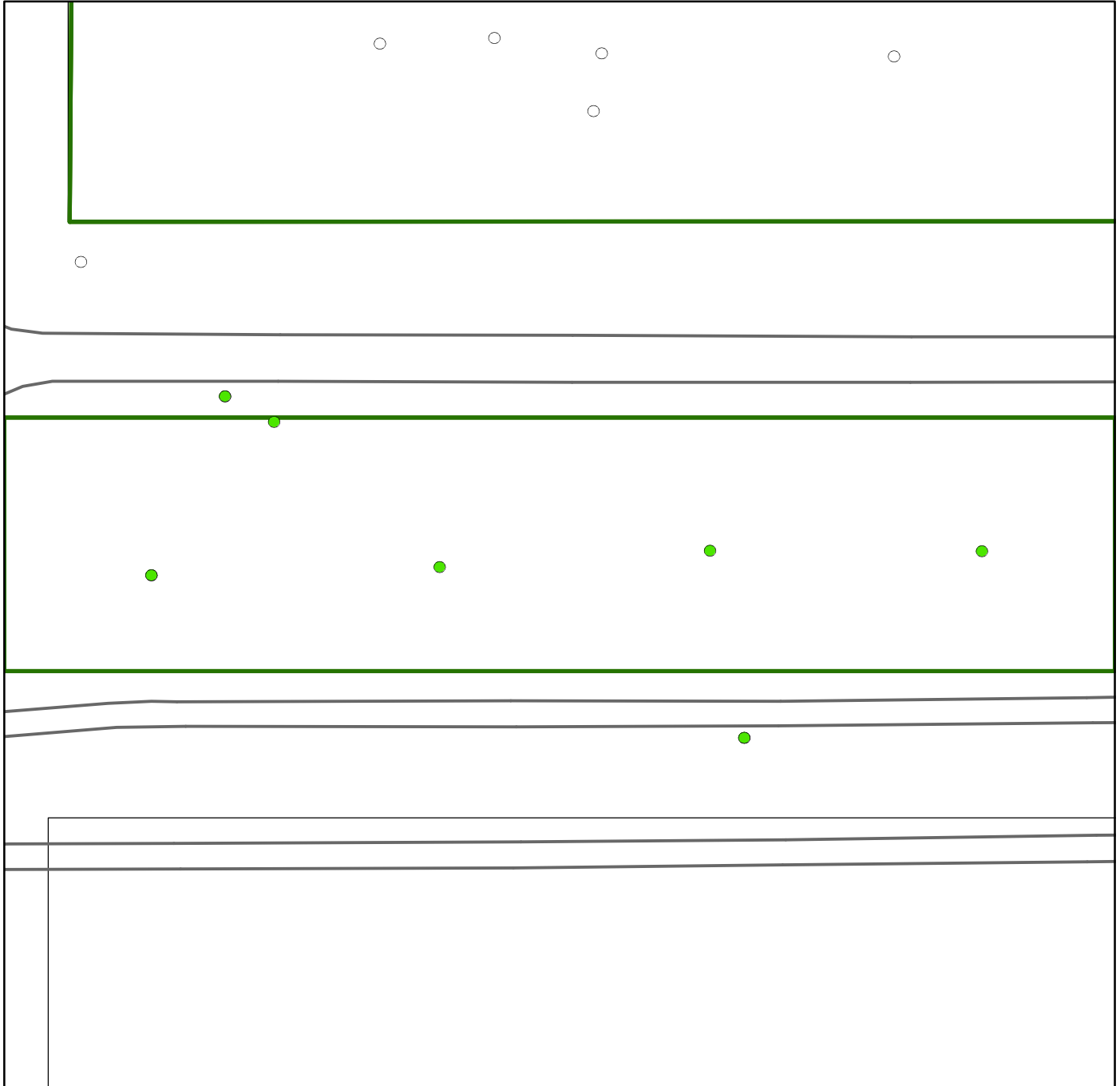# Thorium-230

SWMU 518

Legend

- ● DETECT GREATER THAN ACTION LEVEL
- ● DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- ● DETECT LESS THAN NO ACTION LEVEL
- ▲ DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40
Feet

Thorium-230

SWMU 520

Legend

- ● (purple) DETECT GREATER THAN ACTION LEVEL
- ● (blue) DETECT GREATER THAN NO ACTION LEVEL LESS THAN ACTION LEVEL
- ● (green) DETECT LESS THAN NO ACTION LEVEL
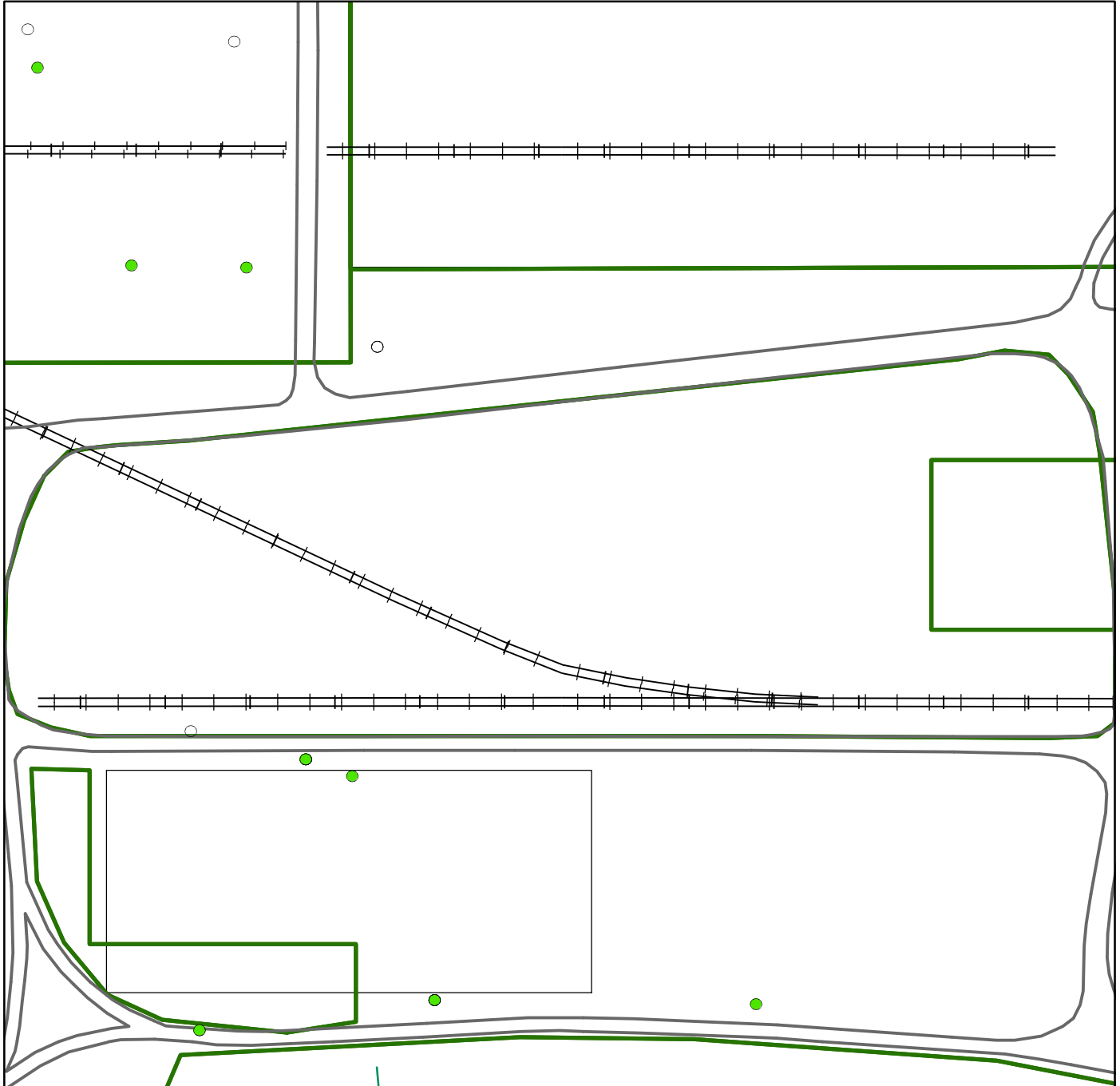- ▲ (red) DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 10 20 40 60 80
Feet

Thorium-230

SWMU 531

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
  LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
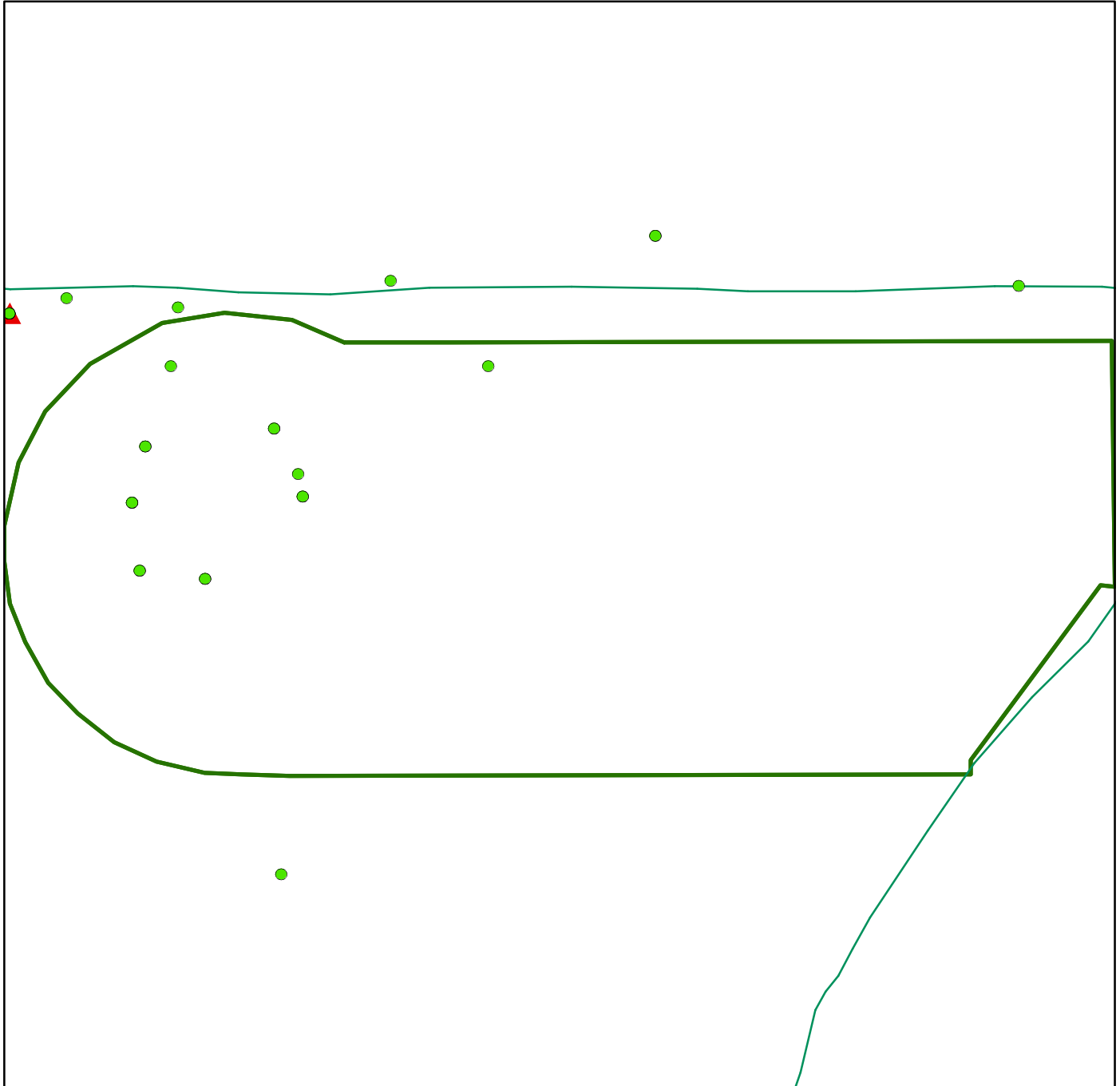- 🔺 DETECT GREATER THAN BACKGROUND
- ○ NONDETECT

Risk-based action and no action levels taken from DOE 2001 for the Industrial Worker scenario. Background values from DOE 2001.

0 5 10 20 30 40
Feet

Thorium-230

SWMU 541

Legend

- 🟣 DETECT GREATER THAN ACTION LEVEL
- 🔵 DETECT GREATER THAN NO ACTION LEVEL
      LESS THAN ACTION LEVEL
- 🟢 DETECT LESS THAN NO ACTION LEVEL
- 🔺 DETECT GREATER THAN BACKGROUND
- ⚪ NONDETECT

**Risk-based action and no action levels taken from
DOE 2001 for the Industrial Worker scenario.
Background values from DOE 2001.**

0 5 10 20 30 40 Feet

Thorium-230