

Environmental Audit Training

Physical Activity

Created by,
Transtria LLC

The logo graphic consists of several overlapping, semi-transparent green shapes that form a stylized, abstract shape resembling a cluster of leaves or a modern architectural element. A thick, solid green horizontal line runs across the bottom of the slide, passing behind the logo and text.

transtria

translate evidence
transfer skills
transform health

Agenda

| Activity | Time |
|---|------------|
| Introductions | 5 minutes |
| Training purpose | 10 minutes |
| Environmental audits <ul style="list-style-type: none">• Overview• Review tools• Questions and discussion | 60 minutes |
| Evaluation Plan | 15 minutes |

Introductions

- ◀ Evaluation Officer
- ◀ Evaluation Coordinator for local data collection
- ◀ Data collectors and experience with data collection

Training Purpose and Desired Outcome

Environmental Audits

- Observe the condition of the environment before and after the implementation of a physical change in the environment (e.g., addition of sidewalks to school, more public transportation stops, flood lights).
- Objective measures of the environment (e.g., presence or absence of playgrounds, bike lanes, equipment)

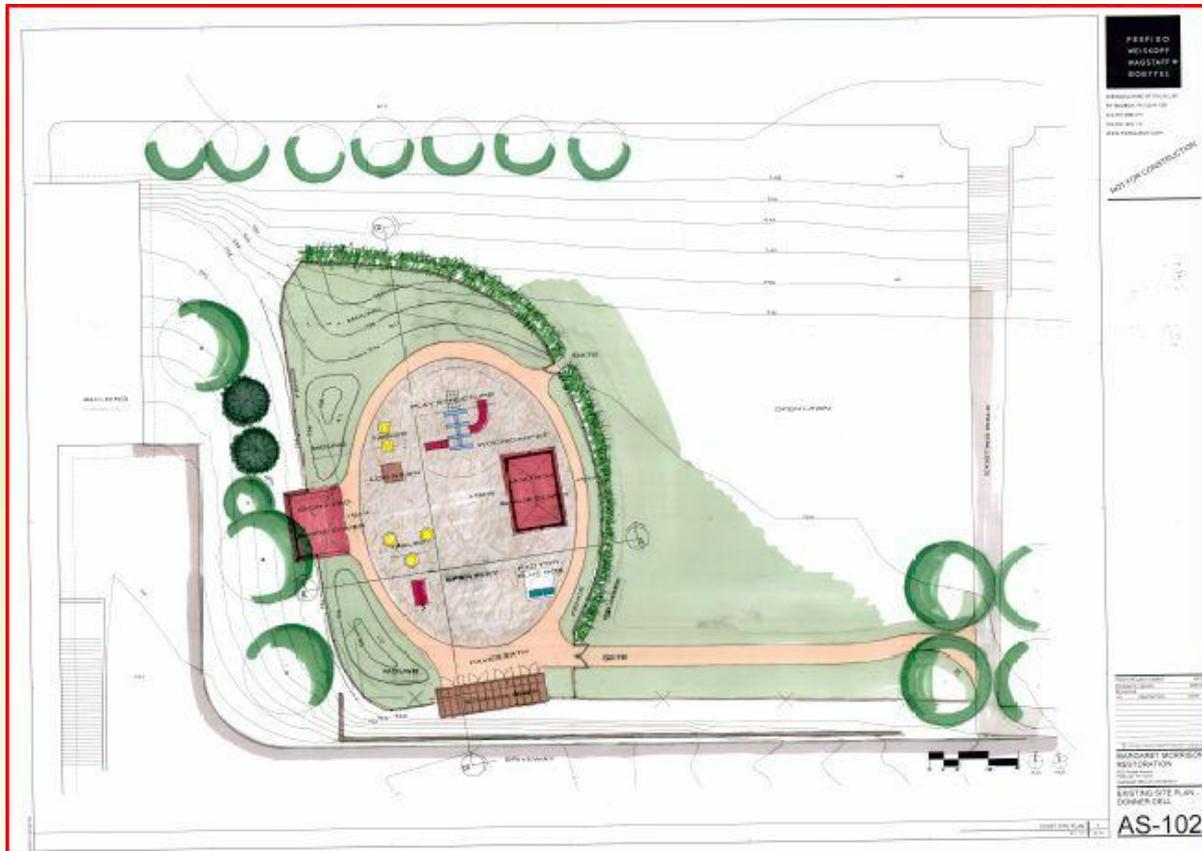
Environmental Audits

- ▶ Timing of the audits before/ after project completion (consider the following):
 - ✓ Time of day – perceptions of the environment (e.g., lighting at night)
 - ✓ Seasonality – extreme heat/ cold, other unfavorable conditions (e.g., rain, ice)
 - ✓ Special events – holidays (e.g., Halloween), concerts, parades

Environmental Audits

- ▶ Resources needed to conduct the audits (consider the following):
 - ✓ Observers and training – number of people available to conduct audits (e.g., staff, students, volunteers), space and equipment to provide training
 - ✓ Security – monitoring auditors safety when necessary (particularly at night)
 - ✓ Data collection – pencil, paper, and clip board (GPS devices)
- ▶ Be prepared to respond to local residents, businesses or after-school participants – why you are there and who you represent

Map the Project Area



Physical Activity:
Layout of
playground or gym



Physical Activity Audit

Physical Activity Environmental Audit Tool for Child Care Settings

Facility name: _____

Facility address: _____

Auditor 1: _____

Auditor 2: _____

Size of facility (number of youth): _____

Child care facility ID (*Transtria use only*): _____

Community partnership: _____

Date: _____

Weather conditions: _____

Start Time: ____ : ____ AM PM

End Time: ____ : ____ AM PM

- Facility name: Name of the daycare, school, or other facility
- Facility address: The street, city, state and zip code for the facility
- Auditor 1: Name of auditor #1
- Auditor 2: Name of auditor #2
- Size of facility: The capacity of the facility or the number of youth being served
- Child care facility ID (for Transtria use only): Transtria will assign an ID for this facility for the data analysis.
- Community partnership: Name of your community partnership for Healthy Kids, Healthy Communities
- Date: Date of data collection
- Weather conditions: Temperature and climate the day of data collection (e.g., rainy, sunny, cloudy, windy)
- Start Time: Time that the data collection process starts
- End Time: Time that the data collection process ends

A. Facility Characteristics

A1. What is the type of facility?



School



Child care center



Community Center



Faith-based organization

A. Facility Characteristics

A2. What types of services does this facility provide?



Summer care
and education



Afterschool care
and education only



Early child care and
education only

A. Facility Characteristics

A3. What are the hours of service?



open 7 days/week 360 days/year
from 7am to 7pm
[closed between 12 & 2 for nap time!]

holidays: 7am to 10:30am & 3:30pm to 7pm
no daycare on holidays



MACKENSEN CHILDCARE CENTER
Before and After School Care
During School Year 6:30 AM-6:00 PM
Summer Hours of 6:00 AM-6:00 PM
FIA Accepted
(907) 467-0016

Indicate start and end times

B. Recreational Fields

B4. Are recreational fields present?



B5. Soccer



B6. Football



B7. Softball/Baseball



B8. Multi-use

B. Recreational Fields

B5. What is the condition of the fields?



Poor



Average/Good

Soccer Field

B. Recreational Fields

B6. What is the condition of the fields?



Poor



Average/Good

Football Field

B. Recreational Fields

B7. What is the condition of the fields?



Poor

Softball/Baseball Field



Average/Good

B. Recreational Fields

B8. What is the condition of the fields?



Poor



Multi-use Field



Average/Good

B. Recreational Fields

B10. Is any equipment available?



10a. Soccer field goal



10c. Home plate fence



10e. Scoreboard



10g. Dugout



10b. Football field goal post



10d. Batting cage



10f. Floodlights



10h. Bleachers

B. Recreational Fields

B11. Can the field(s) be locked?



B12. Are there signs specifying rules for use of the fields?



B13. Are there signs specifying a fee to use the field?

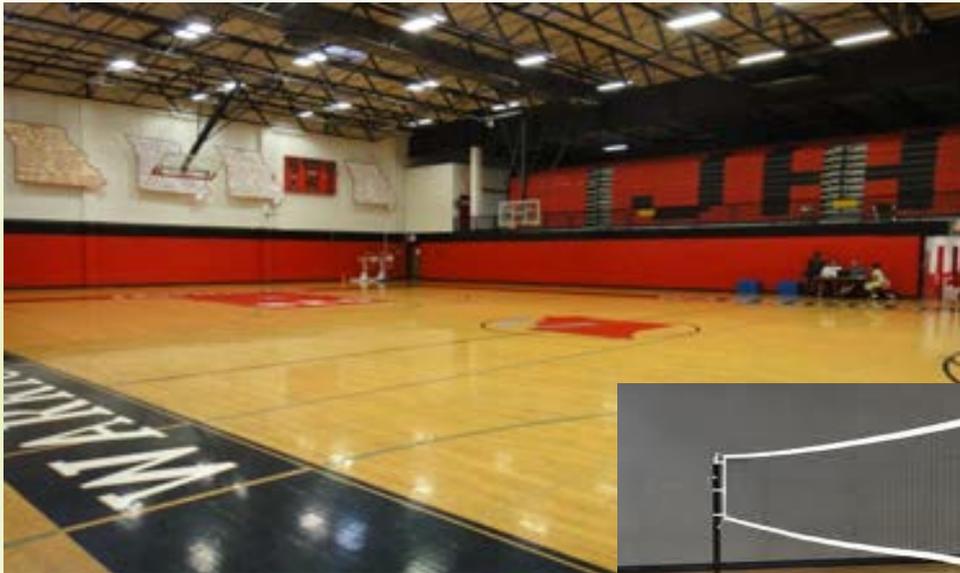


B14. Are there signs specifying hours of operation for the field(s)?



C. Recreational Courts

C15. Are indoor recreational courts present?



C16. Basketball court



C17. Tennis court



C18. Volleyball court

C. Recreational Courts

C15. Are outdoor recreational courts present?



C16. Basketball



C18. Volleyball



C17. Tennis

C. Recreational Courts

C16-20. What is the condition of the indoor courts?

C16. Basketball Court



Poor

C17. Tennis Court



Poor

C18. Volleyball Court



Poor



Average/Good



Average/Good



Average/Good

C. Recreational Courts

C16-20. What is the condition of the outdoor courts?

C16. Basketball Court



Poor

C17. Tennis Court



Poor

C18. Volleyball Court



Poor



Average/Good



Average/Good



Average/Good

C. Recreational Courts

C16-20. Is lighting present?



C16. Basketball Court



C17. Tennis Court



C18. Volleyball Court

C. Recreational Courts

C21. Is any equipment available?



Basketball court markings (e.g., free-throw line)



Basketball post
Basketball backboard
Basketball hoop

Tennis posts for net
Tennis net
Tennis court markings (e.g., out of bounds lines)



Individual benches



Volleyball court markings (out of bounds lines)



Volleyball posts for net
Volleyball net



Bleachers

C. Recreational Courts

C22. Can the court area be locked?



NOTICE
NO GLASS
CONTAINERS
ALLOWED
IN
TENNIS COURT

**BASKETBALL
COURT RULES**

- Use basketball court at own risk.
- No food, glass or alcoholic beverages.
- No Pets.
- No bicycles, roller blades or skate boards.
- Proper footwear required.
- Children under the age of 12 must be accompanied by an adult.
- Court for residents and their guests only.
- Do not hang on rim.
- Court hours from 8:00 am to 8:00 pm.

C23. Are there signs specifying rules for use of the court?

C. Recreational Courts

C24. Are there signs specifying fees to use the court(s)?



C25. Are there signs specifying hours of operation for the court(s)?

D. Tracks/Paths/Trails

D26-28. Is a track, path or trail present?



D. Tracks/Paths/Trails

D27-28. What is the condition of the track/path/ or trail?



Poor



Average/Good

D. Tracks/ Paths/ Trails

D27-28. Is there lighting on the track/ path or trail?



D. Tracks/ Paths/Trails

D29-30. What type of surface is used for the track/path/trail?



Smooth (e.g. asphalt)



Particulate (e.g. gravel)



Spongy



Grass



Dirt

D. Tracks/ Paths/ Trails

D31. What is the slope of the path/trail?



Flat or gentle slope
0%-10% incline



Moderate slope
10%-25% incline



Steep slope
25%+ incline

D. Tracks/ Paths/ Trails



D32. Does vehicular traffic cross or intersect the track/path?

E. Swimming Pools

E33. Is a swimming pool present (indoor or outdoor)?

E34-35. How deep is the swimming pool?



Kiddie/Wading
Pool \leq 3ft.



Pool $>$ 3ft.



E. Swimming Pools

E34-35. Is lighting present?



E. Swimming Pools

E34-35. What is the condition of the swimming pool area?



Poor



Average/Good

E. Swimming Pools

E36. What pool equipment is available?



36a. Slide



36b. Diving board



36c-d. Floating/Permanent lane markings



36e. Lounge chairs



36f. Locker rooms

E. Swimming Pools

E37. Can the pool be locked?



E38. Are there signs specifying rules for use of the swimming pool?

E39. Are there signs specifying fees to use the pool?

E40. Are there signs specifying the hours of operation for swimming pool?



F41. Are there playgrounds present?



F. Playgrounds

F42-53. What features are present?

F42-44. Toddler/youth/tire swings

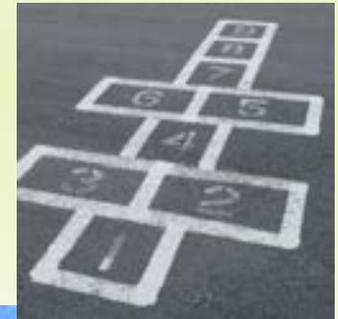


F45. Slide



F48. Seesaw

F46-47. Climbing feature



F50. Sandbox



F51-52. Marked blacktop games



F49. Spring rocker

F. Playgrounds

F42-53. What is the condition of the play equipment?
(e.g., chipped paint, rusted pieces, exposed hard surfaces)



Poor



Average/Good

F42-53. Is lighting present?



Yes



No

F. Playgrounds

F54. What type of surface is under the play area?



Hard (e.g. asphalt)



Grass



Turf



Loose fill



Rubber tiles

F55. Is the playground equipment surrounded by a fence that could be locked?



F56. Are there signs specifying hours of operation?



G. Other Recreational Spaces

G57-61. Are other recreation spaces present?



Dance studio

Weight room



Green space

G57-61. What is the condition of the spaces?



Poor



Average/Good

G. Other Recreational Spaces

G57-61. Is lighting present in the feature?



G. Other Recreational Spaces

G62. Is there a classroom or designated indoor space for open play (play space)?



Open Play
Spaces

G63. How can this indoor space be used?

- Quiet play
- Limited movement
- Some active play
- All activities



G. Other Recreational Spaces

G64. Is any equipment available?



64a. Mats



64b. Balls



64c. Tunnels



64d. Climbing equipment



64e. Balancing equipment



64f. Overhead ladders

G. Other Recreational Spaces

G64. Is any equipment available?



64g. Jump rope



64h. Hopscotch



64i. Portable play equipment



64j. Blocks



64k. Dance Ribbon



64l. Tricycle



64m. Scooter

H64. Garbage/ litter



H66. Broken glass



H67. Graffiti/ tagging



**H68. Evidence of alcohol
or other drug use**



H69. Sex paraphernalia

Discussion

- ▶ Review and discuss each item on the tool
- ▶ What was easy to code? Difficult to code?
- ▶ Were there items missing from the tool or protocol?
- ▶ What else was challenging about applying this tool or protocol?
- ▶ Did you need additional instructions during the training?

- ▶ What are strengths that you see from this method?
- ▶ Do you have any other feedback or reflections on the training?
- ▶ Do you have any other suggestions to improve the tool, protocol, or training?

Data Collection

Timeframe

- ▶ Date(s) of data collection?
- ▶ Date(s) of environmental change (if applicable)?
- ▶ Date that Evaluation Officer will receive the data?

Process for receiving the data

- ▶ Send data to Evaluation Officer by scanning and emailing
- ▶ Send data to Evaluation Officer by making copies and sending through mail

Data Analysis

Receiving the data

- ▶ Evaluation Officer will send an email stating they have received the data
- ▶ Evaluation Officer will contact the Evaluation Coordinator if there are questions about the data

Data entry and cleaning

- ▶ Evaluation Officer will work with Transtria staff to entry and check the data in spreadsheet

Data analysis and summary

- ▶ Evaluation Officer will analyze the data and prepare a summary
- ▶ CPs will receive raw data and a summary

Evaluation Plan

- ▶ How many childcare facilities will you be collecting data for?
- ▶ What design are you using?
 - Before/after
 - Comparison
 - Cross-sectional (pre or post only)
- ▶ If comparison design, how do you plan to select your comparison childcare facility?
- ▶ How do you plan to use this data?
- ▶ What audience do you intend to share this data with?

Questions?