

READINGTON TOWNSHIP BOARD OF HEALTH

January 20, 2021 7:00 p.m.

Virtual Meeting via Webex

Ms. Radziewicz, Board of Health Secretary, called the meeting to order at 7:03 p.m. and announced that all laws governing the Open Public Meetings Act have been met and that this meeting has been duly advertised.

A. SALUTE TO THE FLAG

B. ATTENDANCE ROLL CALL:

Jodi Bettermann	Present	Theresa Brown Biondo	Present	John Kalinich	Present
Susan Masinda	Present	Karen Mittleman	Present	David Olsen	Present
Chair Colburn	Present				

Also in attendance: Board of Health Engineer - Ferriero Engineering, Inc. – Joe Kosinski,

C. INTRODUCTION/SWEARING IN OF NEW MEMBERS

1. Robert Colburn - Three-year term
2. Theresa Brown Biondo - Three-year term
3. Jodi Bettermann - Two-year term

Jodi Bettermann and Theresa Brown Biondo introduced themselves to the Board Members.

D. MOTIONS FOR NOMINATIONS

CHAIRMAN - one-year term

A motion was made by Mr. Olsen, seconded by Ms. Mittleman to nominate Robert Colburn as Chairman of Readington Township Board of Health, for the calendar year 2021.

Jodi Bettermann	Aye	Theresa Brown Biondo	Aye	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

VICE-CHAIRMAN - one-year term

A motion was made by Mr. Olsen, seconded by Ms. Mittleman to nominate John Kalinich as Vice Chair of Readington Township Board of Health, for the calendar year 2021.

Jodi Bettermann	Aye	Theresa Brown Biondo	Aye	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

E. MOTION FOR APPOINTMENTS

SECRETARY - one-year term

A motion was made by Ms. Mittleman, seconded by Mr. Kalinich to appoint the board’s present secretary, Carol Radziewicz, as Secretary of Readington Township Board of Health for the calendar year 2021.

Jodi Bettermann	Aye	Theresa Brown Biondo	Aye	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

REGISTRAR - three-year term

A motion was made by Mr. Olsen, seconded by Ms. Masinda to appoint the Township’s present Registrar, Darlene Mitchell, as Registrar of Readington Township for a term of three-years.

Jodi Bettermann	Aye	Theresa Brown Biondo	Aye	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

F. MOTION TO PASS RESOLUTIONS

Resolution BH-R-2021-1 - Confirmation of 2021 Board of Health Meeting Dates

A motion was made by Ms. Mittleman to pass Resolution BH-R-2021-1. The motion was seconded by Mr. Olsen. On roll call vote, the following was recorded:

Jodi Bettermann	Aye	Theresa Brown Biondo	Aye	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

Resolution BH-R-2021-2 - Board of Health Engineer

A motion was made by Mr. Kalinich to pass Resolution BH-R-2021-2. The motion was seconded by Ms. Masinda. On roll call vote, the following was recorded:

Jodi Bettermann	Aye	Theresa Brown Biondo	Aye	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

Resolution BH-R-2021-03 - Designation of Official Newspapers

A motion was made by Ms. Mittleman to pass Resolution BH-R-2021-3. The motion was seconded by Mr. Kalinich. On roll call vote, the following was recorded:

Jodi Bettermann	Aye	Theresa Brown Biondo	Aye	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

G. APPROVAL OF THE MINUTES

1. Minutes of 12/16/2020

A motion was made by Ms. Mittleman and seconded by Mr. Olsen for approval of the minutes as corrected. On roll call, the following was recorded:

Jodi Bettermann	Abstain	Theresa Brown Biondo	Abstain	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

H. CORRESPONDENCE

1. NJLINCS - COVID 19 Weekly Activity Report for Week Ending 12-5-2020
2. NJLINCS - Public Health Training Announcements
3. NJLINCS - COVID 19 Weekly Activity Report for Week Ending 12-12-2020
4. NJLINCS - Updated NJDOH Covid-19 Recommendations for K-12 Schools
5. PSE&G - Application for Extension of GP1
6. NJDEP - Permit - Readington Commons

A board member inquired as to the Board of Health's oversight with regard to this piece of correspondence. This particular item does not fall under the Board of Health's purview; it would fall under the Planning Board Engineer or the Township Engineer.

7. NJLINCS - COVID 19 Weekly Activity Report for Week Ending 12-19-2020
8. NJLINCS - COVID 19 Weekly Activity Report for Week Ending 12-26-2020
9. NJLINCS - 2020-2021 Annual Immunization Status
10. NJLINCS - Testing of ill children suspected of having Covid-19 before returning to school
11. NJ Covid-19 Vaccine Registration System
12. NJLINCS - Updated Lyme Disease Investigation Chapter

I. OLD BUSINESS

Rabies Clinic – On January 9, 2021, Readington Township held a free rabies clinic at the DPW Garage. Due to the pandemic, participants were kept in their cars throughout the process. Volunteers from the CERT team assisted with traffic control. Additionally, tax assessor, Laura Whitaker, and Housing and Social Services director, Christine Dey, volunteered their time to assist with the clinic. 211 dogs and 28 cats were vaccinated.

J. NEW BUSINESS

None

K. APPROVALS

Alteration/No Expansion:

Time heard 8:03 p.m.

1. Block 53/Lot 14.03 Templin Engineering – 1 Roosevelt Road

Escrow fees paid 11/6/2020, Ck# 9441, \$500.00.

Received Board of Health approval July 20, 2005. Appearing before the board to amend the previous approval to specify a pump system rather than a gravity system.

Mr. Steve Parker, NJ licensed engineer, appeared before the board in place of Mr. Robert Templin who was unable to attend the meeting this evening. The house that was constructed was placed further from where the septic field was originally designed, and this change necessitated a need for a pump in the septic system.

The board asked Mr. Parker:

1. The plans show an existing well and a dry well. Can you explain why there is a dry well?
2. Was there a house there previously?
3. The reserve area seems to be close to the wetlands.

Mr. Parker responded:

1. The dry well is used for stormwater management. The two wells are not connected.
2. No, there wasn't a house on this property prior to this new construction.
3. It is outside the wetland buffer.

Chair Colburn asked if there were any additional questions or items for discussion; there was no response.

A **MOTION** was made by Mr. Kalinich for approval as follows:

Block / Lot: 53/14.03
Street Location: 1 Roosevelt Road
Number Bedrooms: 5
Owner: Anthony Malinowski
Map Title: Plot Plan, Block 53, Lot 14.03 Readington Township, Hunterdon County, New Jersey
Number Sheets: 1- 2
Map Date(s): 8/12/2019; Revised 1/6/2020; 1/9/2020; 2/22/2020; 12/9/2020
Prepared By: Robert J Templin, NJ PE & LS
Survey: Plot Plan prepared by Robert J Templin, NJ PE & LS dated 8/12/2019
Reports: Hunterdon County Department Health dated 1/5/2021
Proposed System: New construction, gravity-dosed, bottom-lined, soil replacement system that will use a new 1,300-gallon, single-compartment septic tank with a 6-inch effluent filter, and a 1,300-gallon pump tank.
Soil Testing: N/A - Soil Logs approved in 2005

The system will incorporate a pump which will require a deed restriction to be filed at the Hunterdon County Clerk's office and a copy returned to the BOH secretary within 90 days after installation. The engineer has informed the property owner of the maintenance requirements of the pump and effluent filter. The Board of Health secretary will email the deed restriction information to Mr. Templin so that he can provide the deed restriction information to the applicant.

The motion was seconded by Mr. Olsen. On roll call vote, the following was recorded:

Jodi Bettermann	Abstain	Theresa Brown Biondo	Abstain	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

Time heard 7:27 p.m.

2. Block 39/Lot 31 – Bayer-Risse Engineering – 42 Gates Road

Escrow fees paid 12/14/2020, Ck# 455, \$750.00.

Mr. Bill Jupinka, NJ licensed engineer, appeared before the board. This property is part of a real estate transaction. The proposed system is mounded due to shallower water testing. Proposed system meets all set back requirements as dictated in Township ordinance.

The board asked Mr. Jupinka:

1. For the basin flood test, the soil witness notes state the depth of 84" however on the county documentation, the depth is 78". Which is correct?
2. The scale shown on the plans is 1 inch to 50 feet. According to measurements, the existing disposal field to be abandoned is 5-6 feet away from the tanks. Is there a possibility of seepage?

Mr. Jupinka responded:

1. 78” is correct. The soil witness notes may be referring to the fact that the hole was dug deeper after the fact.
2. Due to the fact that it is mostly shale and probably won’t have any collapse of the soils, this shouldn’t be a concern.

Chair Colburn asked if there were any additional questions or items for discussion; there was no response.

A **MOTION** was made by Mr. Olsen for approval as follows:

Block / Lot: 39/31
Street Location: 42 Gates Road
Number Bedrooms: 3
Owner: Charlene & Bill Eitzen
Map Title: Septic System Alteration Design for Charlene & Bill Eitzen, Block 39, Lot 31 Readington Township, Hunterdon County, New Jersey
Number Sheets: 1-11
Map Date(s): 12/10/2020
Prepared By: Theodore H. Bayer, P.E
Survey: Plan of Survey prepared by James W. Ryckman PLS dated 2/15/1990
Reports: Hunterdon County Department Health dated 1/4/2021; Jeff Tareila Environmental Consulting Wetlands Report dated 11/12/2020
Proposed System: Alteration with no expansion, pressure-dosed, mounded, soil replacement system that will use a new 1,000-gallon, two-compartment septic tank with a 6-inch effluent filter, and a 1,000-gallon pump tank.
Soil Testing: Done 11/19/2020, Soil log 1119-1 at 102”, with no mottling and no seepage. Soil log 1119-2 at 86” with no mottling and seepage at 78”. Permeability test was done via basin flood in soil log 1119-1 done on 11/19/2020 at a depth of 78” with a positive result.

There were no wetlands within 100’ of the proposed system as noted by both Jeff Tareila’s letter and in the design.

The system will incorporate a pump which will require a deed restriction to be filed at the Hunterdon County Clerk’s office and a copy returned to the BOH secretary within 90 days after installation. The engineer has informed the property owner of the maintenance requirements of the pump and effluent filter. The Board of Health secretary will email the deed restriction information to Mr. Jupinka so that he can provide the deed restriction information to the applicant.

The motion was seconded by Ms. Mittleman. On roll call vote, the following was recorded:

Jodi Bettermann	Abstain	Theresa Brown Biondo	Abstain	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

3. Block 72.01/Lot 35 – Bayer-Risse Engineering – 26 Deer Path Road

Escrow fees paid 12/18/2020, Ck# 677, \$750.00.

Mr. Bill Jupinka, NJ licensed engineer, appeared before the board. The existing system still has a seepage pit but does not have the reserve capacity needed. The lot is transected by a little stream that feeds into a pond. There is no space in the front yard to install a new system due to the well and existing buildings. Due to the proximity of the proposed septic and pump tanks to the watercourses, it was necessary to obtain a General Permit 24.

The board asked Mr. Jupinka:

1. On page 9 of the plans, it appears that the pipe crossing the stream ditch is at surface grade. Is that correct?
2. For the pipe to cross a stream, does that require the involvement of the DEP?
3. Are you putting the reinforced concrete pipe there?
4. How far are the wetlands to the disposal field?

Mr. Jupinka responded:

1. It is not. At that point, it is buried.
2. There is no destruction to the stream bed, so DEP involvement is not required.
3. The reinforced concrete pipe is already there.
4. The disposal field is completely out of the wetlands. The County review letter does incorrectly state that the disposal field is in proximity to the wetlands.

Chair Colburn asked if there were any additional questions or discussion; there was no response.

A **MOTION** was made by Ms. Mittleman for approval as follows:

Block / Lot: 72.01/35
Street Location: 26 Deer Path Road
Number Bedrooms: 4
Owner: Kenneth Holland
Map Title: Septic System Alteration Design for Kenneth Holland, Block 72.01, Lot 35 Readington Township, Hunterdon County, New Jersey
Number Sheets: 1-11
Map Date(s): 12/7/2020
Prepared By: Theodore H. Bayer, P.E
Survey: Topographic and Boundary Survey prepared by Robert Ent, Jr. PLS dated November 2020
Reports: Hunterdon County Department Health dated 1/4/2021; Notice to Landowners within 200' dated 12/17/2020; Division of Land Use Regulation – GP24 Permit
Proposed System: Alteration with no expansion, pressure-dosed, mounded, soil replacement, system that will use a new 1,000-gallon, two-compartment septic tank with a 6-inch effluent filter, and a 1,500-gallon pump tank.
Soil Testing: Done 11/02/2020, Soil log 1102-3 at 96", with no mottling and no seepage. Soil log 1102-4 at 108" with no mottling and no seepage. Permeability test was done via basin flood test in soil log 1102-3 at a depth of 66" on 11/02-03/2020 with a positive result.

There is a watercourse located within 100' of the proposed septic and pump tanks. Notification was provided to all landowners within a 200' radius. A General Permit 24 was obtained.

Variations granted:

1. Distance from a watercourse to the septic and pump tanks does not meet the township requirement of 100 feet; it does meet the state code requirement of 25 feet. The proposed septic tank is 60 feet from the watercourse and the proposed pump tank is 54 feet from the watercourse. It is noted that the engineer did notice all properties within 200 feet.

The system will incorporate a pump which will require a deed restriction to be filed at the Hunterdon County Clerk's office and a copy returned to the BOH secretary within 90 days after installation. The engineer has informed the property owner of the maintenance requirements of the pump and effluent filter. The Board of Health secretary will email the deed restriction information to Mr. Jupinka so that he can provide the deed restriction information to the applicant.

The motion was seconded by Mr. Kalinich. On roll call vote, the following was recorded:

Jodi Bettermann	Abstain	Theresa Brown Biondo	Abstain	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

Time heard 7:52 p.m.

4. Block 46/Lot 22.01 & 23 – Bayer-Risse Engineering – 105 Cole Road

Escrow fees paid 1/6/2021, Ck# 2785, \$750.00.

Mr. Bill Jupinka, NJ licensed engineer, appeared before the board. This property is not part of a real estate transaction. The engineer stated that the existing system is under-sized, and that sewage was starting to surface on the ground. The property owner, in addition to replacing the system, also plans to add a bathroom in the barn. The disposal field is located on Lot 23 with the tanks located on Lot 22.01. It is all common ownership with farmland. Lot 23 is completely landlocked.

The board asked Mr. Jupinka:

1. Does the future bathroom in the barn mean that this is an expansion as the plans only reference the bedrooms?

Mr. Jupinka responded:

1. No, as it does not add additional flow. The number of bedrooms is what is used to determine the size of a system.

Chair Colburn asked if there were any additional questions or discussion; there was no response.

A **MOTION** was made by Mr. Olsen for approval as follows:

Block / Lot: 46/22.01 & 23
Street Location: 105 Cole Road
Number Bedrooms: 3
Owner: Dancing Feather Farm – Attn: Michael Bradley
Map Title: Septic System Alteration Design for Dancing Feather Farm, Block 46, Lots 22.01 & 23
 Readington Township, Hunterdon County, New Jersey
Number Sheets: 1-12
Map Date(s): 12/24/2020
Prepared By: Theodore H. Bayer, P.E
Survey: Plan of Survey prepared by Robert Ent, Jr. PLS dated March 2015; Topographic Survey prepared by Robert Ent, Jr. PLS dated December 2020

- Reports:** Hunterdon County Department Health dated 1/5/2021; Jeff Tareila Environmental Consulting Wetlands Report dated 10/20/2020
- Proposed System:** Alteration with no expansion, pressure-dosed, mounded, soil replacement, system that will use a new 1,500-gallon, two-compartment septic tank with a 6-inch effluent filter, and a 1,000-gallon pump tank.
- Soil Testing:** Done 11/09/2020, Soil log 1109-1 at 96", with slight mottling at 40" and seepage at 50". Soil log 1109-2 at 96" with mottling at 48" and seepage at 50". Permeability test was done via pit bail test in soil log 1109-1 at a depth of 84" on 11/09/2020 with a K rating of 1.0 inches/hour.

There were no wetlands within 100' of the proposed system as noted by both Jeff Tareila's letter and in the design.

The system will incorporate a pump which will require a deed restriction to be filed at the Hunterdon County Clerk's office and a copy returned to the BOH secretary within 90 days after installation. The engineer has informed the property owner of the maintenance requirements of the pump and effluent filter. The Board of Health secretary will email the deed restriction information to Mr. Jupinka so that he can provide the deed restriction information to the applicant.

The motion was seconded by Ms. Mittleman. On roll call vote, the following was recorded:

Jodi Bettermann	Abstain	Theresa Brown Biondo	Abstain	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

Time heard 8:22 p.m.

5. Block 1.01/Lot 14.16 – Parker Engineering – 14 Lance Road

Escrow fees paid 1/6/2021, Ck# 6192, \$750.00.

Mr. Steve Parker, NJ licensed engineer, appeared before the board. This property is not on the market yet, but the property owners are planning to sell in the near future. While it is a large property, there is a stream in back of the property and some storm drains in the front of the property that limit options to place the new system. The current system is a gravity system, however the engineer stated that it probably has not been working correctly for a while now as it is the belief of the engineer that the system should have been raised above grade.

The board asked Mr. Parker:

1. On the soil witness map, there are two (2) SL 4. Which one is correct?
2. Is a slope of 3:1 sufficient?

Mr. Parker responded:

1. This was a typo on the witnessing sketch. Soil logs 1 & 3 are closest to the house and soil logs 2,4 and 5 are where the proposed field is going.
2. The plans will be revised to have a 4:1 slope.

Chair Colburn asked if there were any other questions or items for discussion; there was no response.

A **MOTION** was made by Mr. Olsen for approval as follows:

Block / Lot: 1.01/14.16
Street Location: 14 Lance Road
Number Bedrooms: 4
Owner: Kevin Lalor
Map Title: Septic System Design 14 Lance Road, Tax Map Lot 14.16 Block 1.01, Township of Readington, Hunterdon County, New Jersey
Number Sheets: 1-2
Map Date(s): 12/30/2020
Prepared By: Stephen E. Parker, P.E
Survey/Site Plan: Septic As-Built prepared by Richard James Edinger, PLS dated 6/21/1994
Reports: Hunterdon County Department of Health dated 1/5/2021
Proposed System: Alteration with no expansion, gravity-dosed, mounded, soil replacement, system that will use a new 1,000-gallon, single-compartment septic tank with a 6-inch effluent filter, and a 1,300-gallon pump tank.
Soil Testing: Done 12/10/2020, Soil log 2 to a depth of 98”, with mottling at 30-48” and seepage at 32”. Soil log 4 to a depth of 96”, with mottling at 30-60” and no seepage. Soil log 5 to a depth of 108”, with no mottling, no seepage at 78”. Permeability test was done via pit bail test in soil log 5 at a depth of 96” on 12/10/2020 with a K rating of 25.0 inches/hour.

Note #38 in the plans state there are no wetlands within 150 feet of proposed system.

The system will incorporate a pump which will require a deed restriction to be filed at the Hunterdon County Clerk’s office and a copy returned to the BOH secretary within 90 days after installation. The engineer has informed the property owner of the maintenance requirements of the pump and effluent filter. The Board of Health secretary will email the deed restriction information to Mr. Parker so that he can provide the deed restriction information to the applicant.

Mr. Parker will supply revised plans to the Board of Health office showing the change in slope.

The motion was seconded by Ms. Mittleman. On roll call vote, the following was recorded:

Jodi Bettermann	Abstain	Theresa Brown Biondo	Abstain	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

L. APPROVALS - EXPANSION/NEW CONSTRUCTION

Time heard 8:35 p.m.

1. Block 94/Lot 14 – Parker Engineering – 61 Summer Road

Escrow fees paid 1/31/2017, Ck# 1500, \$750.00.

Mr. Steve Parker, NJ licensed engineer, appeared before the board. The plans were originally drawn up by Mr. Robert Templin, PE & PLS. This property was recently sold. The existing home has been razed. The existing well has been abandoned and a new well will be drilled. All construction is outside of the wetlands buffers. All items mentioned in the Ferriero Engineering review letter have been addressed. The original plans were designed for a four-bedroom dwelling; however, the plans now reflect the design for a five-bedroom dwelling.

It was mentioned that it did not appear that the reserve area was modified to accommodate a five-bedroom dwelling. Mr. Parker stated that he will ensure that the plans are updated to show the reserve area sized appropriately for a five-bedroom dwelling.

Chair Colburn asked if there were any questions or items for discussion; there was no response.

A **MOTION** was made by Ms. Mittleman for approval as follows:

Block / Lot: 94/14
Street Location: 61 Summer Road
Number Bedrooms: Proposed 5 bedroom
Owner: Thomas & Doris Yorks
Map Title: Survey/Septic System Design 61 Summer Road, Tax Map Block 94, Lot 14, Readington Township, Hunterdon County, New Jersey
Number Sheets: 1
Map Date(s): 12/12/2016; Revised 3/20/2017;9/13/2019;11/25/2020
Prepared By: Robert J. Templin, PE & PLS
Survey/Site Plan: Survey/Septic System prepared by Robert J Templin, PE & PLS dated 12/12/2016; Revised 3/20/2017;9/13/2019;11/25/2020
Reports: Ferriero Engineering review letter dated 3/14/2017
Proposed System: New construction, gravity-fed, soil replacement system that will use a new 1,500-gallon two-compartment septic tank with a Polylock PL625 effluent filter.
Soil Testing: **Primary Area:** Done 2/22/2016 - Soil log 2 to a depth of 96”, with no mottling and no seepage. Soil log 4 to a depth of 96”, with no mottling and no seepage. Permeability test was done via basin flood in soil log 2 on 2/22/2016 to a depth of 72” resulting in a positive result.
Reserve Area: Done 2/22/2016 - Soil log 1 to a depth of 96”, with no mottling and no seepage. Soil log 3 to a depth of 96”, with no mottling and no seepage. Permeability test was done via basin flood in soil log 1 on 2/22/2016 to a depth of 72” resulting in a positive result.
Groundwater Testing: Done between 2/29/2016 through 4/18/2016 in soil logs 1 and 2 to a depth of 96”.

As per Note #2 in the plans, there are no wetlands within 100’ of the proposed system.

The engineer will provide a revised plan showing the reserve area is sized correctly for a five-bedroom dwelling.

The motion was seconded by Mr. Kalinich. On roll call vote, the following was recorded:

Jodi Bettermann	Abstain	Theresa Brown Biondo	Abstain	John Kalinich	Aye
Susan Masinda	Aye	Karen Mittleman	Aye	David Olsen	Aye
Chair Colburn	Aye				

L. COMMENTS

1. The board discussed potential training options for the new board members. As some of the members are not comfortable meeting in person, it was decided to explore options for virtual training.
2. Mr. Kosinski attempted to present a PowerPoint presentation, however, due to technical difficulties, he was unable to present it. It was decided to try again during the February meeting.

M. ADJOURNMENT

A **MOTION** was made by Mr. Kalinich to adjourn the meeting at 9:08 p.m., seconded by Mr. Olsen, with a vote of Ayes all, Nays none recorded.

Respectfully submitted:

Carol Radziewicz